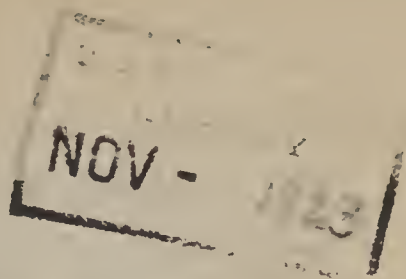


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# U. S. Department of Agriculture

## Forest Service

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### FOREST SERVICE DIRECTORY

October, 1923

This directory is issued semiannually and is for the exclusive use of members of the Forest Service and cooperating bureaus.

Unless otherwise indicated, the officers in charge of the individual Forests are forest supervisors, and those in charge of the individual ranger districts are forest rangers.

The express address of the ranger district is the same as the headquarters unless otherwise indicated.

WU=Western Union ; P=Postal ; C=Continental ; PT & T=Postal Telegraph & Telephone ; SC, USA=Signal Corps, United States Army.

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#### OFFICE OF THE FORESTER.

WILLIAM B. GREELEY, Forester.

EDWARD A. SHERMAN, Associate Forester.

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#### FINANCE AND ACCOUNTS.

H. I. LOVING, chief ; O. A. Zimmerli, general assistant.

ACCOUNTING.—J. H. Kerrick.

TRANSPORTATION.—M. B. Baldenburg.

AUDIT.—W. H. Shir-Cliff.

APPOINTMENT RECORDS.—Blanche A. Judson.

## OPERATION.

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MAINTENANCE.—G. M. Randal.

SUPPLY DEPOT, OGDEN, UTAH.—Frank Haynie, property assistant and purchasing agent.

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COOPERATION WITH PRIVATE TIMBERLAND OWNERS.—A. Cary, logging engineer.

NATIONAL FOREST DIVISION.—J. F. Preston and I. F. Eldredge, forest inspectors.

STATE AND PRIVATE DIVISION.—J. G. Peters, forest inspector; C. R. Tillotson and G. T. Backus, district forest inspectors.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Ohio, Maryland, Virginia, West Virginia, North Carolina, Tennessee, Louisiana, Texas, Michigan, Wisconsin, Minnesota, South Dakota, Montana, Idaho, Washington, Oregon, and California; J. G. Peters, C. R. Tillotson, and G. T. Backus, district forest inspectors.

FARM FORESTRY.—G. H. Collingwood, extension forester (with Office of Cooperative Extension Work); W. R. Mattoon, forest examiner.

COMPILATION OF STATE FORESTRY LAWS.—Miss J. S. Peyton.

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GRAZING STUDIES (in cooperation with F. V. Coville, botanist, Bureau of Plant Industry).—William R. Chapline, inspector of grazing.

FORAGE INVESTIGATIONS.—William A. Dayton, plant ecologist; Mary T. Keleher, plant mounter.

RANGE RESERVE EXPERIMENTS.—Jornada Reserve: Enoch W. Nelson, grazing examiner, Las Cruces, N. Mex.; Jacob D. Schoeller, grazing assistant; Paul B. Lister, ranger. Santa Rita Reserve: Matt J. Culley, grazing examiner, Tucson, Ariz.

## LANDS.

L. F. KNEIPP, assistant forester; D. F. McGowan, inspector of lands.

OCCUPANCY.—C. H. Squire, inspector of lands.

CLASSIFICATION.—W. J. Mangan, executive assistant.

## RESEARCH.

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DENDROLOGY.—George B. Sudworth, dendrologist.

**FOREST EXPERIMENT STATIONS.**—Edw. N. Munns, silviculturist.

**FOREST MEASUREMENTS.**—R. M. Brown.

**LIBRARY.**—Miss H. E. Stockbridge.

**COMPILATION.**—Miss E. B. Leech.

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**CLOQUET** (University of Minnesota in cooperation with the Lake States Forest Experiment Station).—Raphael Zon, director, St. Paul, Minn.

**FORT VALLEY, COCONINO NATIONAL FOREST.**—G. A. Pearson, silviculturist, Flagstaff, Ariz.; Herman Krauch, assistant silviculturist; Manus E. Henegar, ranger; Fred W. Hedlund, senior clerk.

**FREMONT, PIKE NATIONAL FOREST.**—C. G. Bates, silviculturist, Federal Building, Colorado Springs, Colo.; J. Roeser, jr., forest examiner; Joseph A. Gibbs, ranger.

**LAKE STATES** (in cooperation with the University of Minnesota, St. Paul).—Raphael Zon, director, University Farm, St. Paul, Minn.; Joseph Kittredge, jr., and J. A. Mitchell, silviculturists; H. J. A. Grossman, assistant silviculturist; A. E. Wackerman, forest assistant; Miss Mary A. Norton, senior clerk.

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**PRIEST RIVER.**—R. H. Weidman, silviculturist, Montana Building, Missoula, Mont.; J. A. Larsen, forest examiner; H. T. Gisborne, assistant silviculturist; W. G. Wahlenberg, forest examiner; I. T. Haig, and Gerhard Kempff, forest assistants; Jennie Peterson, senior clerk.

**SOUTHERN.**—R. D. Forbes, director, customhouse, New Orleans, La.; Lenthall Wyman, associate silviculturist; E. W. Hadley, forest examiner; W. R. B. Hine, forest assistant; Miss V. M. Spuhler, senior clerk.

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**WIND RIVER, COLUMBIA NATIONAL FOREST.**—Julius V. Hoffman, silviculturist, Stabler (railroad point, Carson), Wash.

**FOREST PRODUCTS LABORATORY** (in cooperation with the University of Wisconsin, Madison, Wis.).—Carlile P. Winslow, director; ———, assistant director; H. D. Tiemann, dry-kiln specialist; E. Peck, assistant.

**Publication of Results.**—Ray C. Tuttle, E. V. Jotter, Francis J. Champion, Chas. J. Lisle.

**Wood Technology.**—A. Koehler, Miss Eloise Gerry, W. W. Weber, R. W. Smith, Miss Gertrude Griffin, M. C. Jensen.

**DERIVED PRODUCTS.**—L. F. Hawley.

**Distillation.**—L. F. Hawley, H. N. Galderwood, E. Beglinger.

**Wood Preservatives.**—E. Bateman, C. Henningsen, R. H. Baechler.

**Ethyl Alcohol.**—E. C. Sherrard, G. W. Blanco.



- Cellulose Chemistry.—Geo. J. Ritter, L. C. Fleck.
- PULP AND PAPER.—John D. Rue.
- Soda and Sulphate Processes.—S. D. Wells, F. G. Rawling, J. A. Staidl.
- Sulphite Process.—R. N. Miller, W. H. Swanson.
- Bleaching Process.—C. E. Curran, P. K. Baird.
- Chemistry of Pulps.—M. W. Bray.
- Physical Properties of Pulp.—R. N. Miller, H. J. Tormey.
- Utilization of Fibrous Plants for Pulp.—S. D. Wells, E. R. Schafer, B. S. Summers, W. H. Monsson.
- Mill Waste Studies.—John D. Rue.
- Pulp and Pulpwood Decay.—John D. Rue.
- Mechanical Pulp.—R. N. Miller.
- TIMBER MECHANICS.—J. A. Newlin, L. J. Markwardt, assistant.
- Structural Timber Grading Rules.—J. A. Newlin, H. S. Grenoble, R. P. A. Johnson.
- Comparison of Species; Standard Strength Tests.—L. J. Markwardt, J. M. Gahagan.
- Effect of Treatment and Decay on Strength.—T. R. C. Wilson, R. P. A. Johnson, R. F. Luxford.
- Manufactured Articles.—Geo. E. Heck, R. F. Luxford.
- Aircraft Study.—J. A. Newlin, G. W. Trayer, J. R. McAteer.
- Influence of Growth Conditions on Strength.—B. H. Paul.
- Containers.—C. A. Plaskett, W. H. Sacket, I. B. Lanphier, T. A. Carlson.
- Preparation of Material for Publication.—L. J. Markwardt, Geo. E. Heck.
- TIMBER PHYSICS.—Rolf Thelen; J. S. Mathewson, assistant; W. K. Loughborough; A. C. Knauss; L. L. DeFlon; R. H. Grabow.
- WOOD PRESERVATION.—George M. Hunt; A. L. Heim, assistant.
- Moisture Proofing and Humidity Control.—M. E. Dunlap.
- Wood Preservation.—J. D. MacLean, R. M. Wirka.
- Wood Gluing Studies.—T. R. Truax, Don Brouse, C. A. Harrison.
- Glues and Glue Testing.—W. L. Jones, A. C. Lindauer.
- Wood Finishing.—F. L. Browne.
- INDUSTRIAL INVESTIGATIONS.—Arthur T. Upson.
- Industrial Utilization of Wood.—Arthur T. Upson, A. O. Benson.
- Small Dimension Stock.—A. O. Benson, R. M. Volkert, L. N. Erickson, J. W. Medley, L. E. Sommers, A. C. Wollin.
- Specifications and Grades.—Arthur T. Upson, E. P. Ivory, G. C. Morbeck, E. M. Davis.
- Utilization of Tree Species.—Arthur T. Upson, Bryant D. Dain.
- PATHOLOGY (in cooperation with Bureau of Plant Industry).—R. H. Colley, in charge; E. E. Hubert, assistant; C. J. Humphrey, Miss C. Audrey Richards.
- LABORATORY OPERATION.—Edgar F. White; Charles P. Juckem, administrative assistant.
- Computing.—Miss Regina Tormey.
- Engineering.—B. L. Nelson.

Finance Control.—Edgar F. White.

Personnel.—C. P. Juckem.

Photography.—M. E. Diemer.

Quarters.—L. R. Denicke.

Records.—Miss Thelma L. Paulson.

Supplies.—C. P. Juckem.

FINANCE AND ACCOUNTS.—W. E. Thompson, fiscal agent; J. A. O'Connell.

FOREST PRODUCTS.—H. S. Betts; W. D. Brush, R. K. Helphens-  
stine, jr., John B. Cuno.

ECONOMIC INVESTIGATORS.— ———; L. S. Murphy, W. N.  
Sparhawk, R. V. Reynolds, A. H. Pierson, C. W. Boyce.

## ENGINEERING.

T. W. NORCROSS, chief engineer; G. H. Lautz, assistant chief en-  
gineer; M. S. Wright.

MAPS AND SURVEYS.—G. H. Lautz; C. A. Kolb, geographer.

Atlas.—G. B. Bruce.

Drafting.—J. M. Witherow.

Engraving.— ———.

Photography.—E. S. Shipp.

ROADS.—G. H. Lautz.

WATER POWER.—T. W. Norcross.

## PUBLIC RELATIONS.

HERBERT A. SMITH, assistant forester.

INFORMATION.—Thomas H. Gill, Miller Hamilton.

PUBLICATION.—C. M. Ballard, chief.

PRINTING.—Edward Burkholder.

EXHIBITS AND MOTION PICTURES.—H. R. Kylie.

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## DISTRICT 1.

### NORTHERN DISTRICT.

Montana, northeastern Washington, northern Idaho, and north-  
western South Dakota. Office, Federal Building, Missoula, Mont.

FRED MORRELL, district forester.

PUBLIC RELATIONS.—Theodore Shoemaker and K. D. Swan, forest  
examiners.

LAW.—Office of the Solicitor (Forest Service branch). C. S. Broth-  
ers, assistant to the solicitor.

FINANCE AND ACCOUNTS.—O. M. Wold, chief of office and fiscal  
agent; S. E. Schoonover, general assistant.

**OPERATION.**—L. C. Stockdale, assistant district forester; G. I. Porter, executive assistant; D. L. Beatty, improvements and inspection.

**FIRE PROTECTION.**—Howard R. Flint, district forest inspector.

**TELEPHONE ENGINEERING.**—R. B. Adams, telephone engineer.

**LAW ENFORCEMENT.**—P. J. O'Brien.

**STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.**—Montana and Idaho: R. N. Cunningham.

**MAINTENANCE.**—O. C. Bradeen.

**FOREST MANAGEMENT.**—Elers Koch, assistant district forester; Wilfred W. White, forest examiner.

**LOGGING ENGINEERING.**—Philip Neff.

**TIMBER SALES.**—Field Supervision, C. E. Knouf, lumberman.

**PLANTING.**—D. S. Olson, planting assistant, Haugan, Mont. Savenac Nursery, G. W. Jones, forest examiner, Haugan, Mont.

**FOREST INSECT INVESTIGATIONS.**—J. C. Evenden, entomologist, Coeur d'Alene, Idaho.

**GRAZING.**—Glen A. Smith, assistant district forester; L. C. Hurtt, inspector of grazing.

**STUDIES.**—L. C. Hurtt, inspector of grazing; E. D. Sandvig, grazing assistant.

**LANDS.**—M. H. Wolff, assistant district forester; J. B. Seeley, office assistant.

**LAND EXCHANGE.**—Harry G. Ade, national forest examiner.

**CLAIMS.**—C. A. McElroy, land examiner.

**ENGINEERING.**—F. E. Thieme, district engineer.

**MAPS AND SURVEYS.**—J. B. Yule.

**Drafting.**—Frank J. Cool.

**Entry Surveys.**—W. P. Stephenson.

**ROADS.**—F. E. Thieme, H. A. Calkins, W. P. Stephenson.

**WATER POWER.**—E. W. Kramer.

**PRODUCTS.**—S. V. Fullaway, jr., district forest inspector; C. N. Whitney and M. I. Bradner, forest examiners.

## NATIONAL FORESTS.

### IDAHO.

**Clearwater.**—Paul A. Wohlen, Orofino (WU); Paul H. Gerrard and A. N. Cochrell, fire assistants; H. R. Snider, ranger; Philip M. Lamoreux, senior clerk.

**Ranger District: Musselshell.**—W. E. Buckingham, Weippe (Exp. Orofino).

**Oxford.**—J. C. Urquhart, Pierce (Exp. Orofino).

**Canyon.**—J. L. Miller, Pierce (Exp. Orofino).

**Chamberlain Meadow.**—L. R. Vanairsdale, Superior, Mont.

**Fish Lake.**—J. P. Gaffney, Rivulet, Mont.

**Cook Mountain.**—Robert Johanson, Pierce (Exp. Orofino).



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**Coeur d'Alene.**—Charles K. McHarg, jr., Coeur d'Alene (WU); Howard Drake and C. S. Webb, lumbermen; James F. Brooks, national forest examiner; A. A. Brown, forest assistant; F. E. Allen, senior clerk.

*Ranger District: River.*—Edward C. Pulaski, Wallace.

*Lake.*—S. C. Sanderson, Coeur d'Alene.

*Little North Fork.*—G. S. Haynes, Coeur d'Alene.

*Forks.*—F. B. Bishop, Coeur d'Alene.

*North Fork.*—M. R. Robins, Prichard (Exp. Enaville).

*Lower North Fork.*—C. B. Hand, Enaville.

*Timber Sale.*—Thomas Crossley, deputy supervisor; D. W. Maryott, P. A. Clack, C. Larson, and G. C. Earle, scalers; C. E. Bradner, ranger.

3  
**Kaniksu.**—Joseph A. Fitzwater, Sandpoint (WU); R. A. Phillips, deputy supervisor; Frank Foltz, fire assistant; Stanley S. Locke, forest assistant; Martha A. Coons, senior clerk.

*Ranger District: Falls.*—Laurence D. Dunn, forest assistant, Priest River.

*Priest Lake.*—James K. Ward, Coolin (Exp. Priest River).

*Sullivan Lake.*—Arthur E. Pauley, Ione, Wash. (Exp. Priest River).

*Experiment Station.*—Mark F. Kelley, Priest River.

*Timber Sale.*—R. E. Dow and W. G. McGillivray, scalers; W. A. Robinson, ranger.

4  
**Nezperce.**—Adrain C. Adams, Grangeville (WU); Clyde P. Fickes, deputy supervisor; A. J. Devan, fire assistant; George V. Ring, ranger; William M. Noble, senior clerk.

*Ranger District: Salmon River.*—William H. Deasy, Riggins (Exp. Grangeville).

*Dixie.*—George C. Space, Stites (Exp. Grangeville).

*Slate Creek.*—William M. Gregg, Whitebird (Exp. Grangeville).

*Clearwater.*—Vernon L. Collins, Grangeville.

*Elk City.*—W. P. Hanover, Elk City (Exp. Stites).

*Red River.*—Earl McConnell, Elk City.

5  
**Pend Oreille.**—Joseph A. Fitzwater, Sandpoint (WU); John E. Breen, lumberman; Ray R. Fitting, fire assistant; G. M. De Jarnette and Louis W. Fuess, forest assistants; Walter W. Schwartz, senior clerk.

*Ranger District: Clarksfork.*—C. E. Middleton, Clarksfork.

*Lake.*—John J. Murray, Belmont (Exp. Bayview).

*Naples.*—Francis L. Mackey, Naples.

*Moyie.*—H. K. Ludington, Sinclair (Exp. Snyder).

*Port Hill.*—F. B. Cassler, Copeland.

*Timber Sale.*—J. H. Watson and John E. Hutchins, scalers; Walter Glen, ranger.

**Selway.**—Frank J. Jefferson, Kooskia (WU); Francis T. Carroll and Chas. A. MacGregor, fire assistants; C. F. Makibbin, forest assistant; Miles L. Marsh, senior clerk.

*Ranger District: Bear Creek.*—F. M. Cossitt, Lowell (Exp. Kooskia).

*Selway River.*—Clayton S. Crocker, Lowell (Exp. Kooskia).

*Locksa River.*—Ralph L. Hand, Lowell (Exp. Kooskia).

*Moose Creek.*—Albert Kauffman, Lowell (Exp. Kooskia).

*Meadow Creek.*—Albert E. Campbell, Lowell (Exp. Kooskia).

*Middle Fork.*—Jack A. Parsell, Lowell (Exp. Kooskia).

**St. Joe.**—Charles K. McHarg, jr., Coeur d'Alene (WU); Ashley J. Roche, fire assistant; C. McArthur, senior clerk.

*Ranger District: Palouse.*—William H. Daus, Princeton.

*North Fork.*—Clyde D. Blake, Avery.

*Wards Peak.*———, Delage.

*Roundtop.*—Franklin Girard, Avery; A. E. Kolmorgan.

*Pole Mountain.*—J. C. Parker, Avery.

*Avery: Transportation.*—J. L. Williams.

*Timber Sales.*—Nels Johnson, scaler.

*Timber Surveys.*—F. K. Stewart, surveyor; F. L. Tobey and R. W. Billings, forest assistants.

#### MONTANA.

**Absaroka.**—Ernest W. Shaw, Livingston (WU); W. I. White, forest examiner; E. M. Kapp, senior clerk.

*Ranger District: Deer Creek.*—H. M. Crane, Reed Point (Exp. Grey Cliff).

*Main Boulder.*—Harry S. Kauffman, McLeod (Exp. Big Timber).

*Livingston.*—Louis C. Regan, Swingley (Exp. Livingston).

*Yellowstone.*—A. D. Moir, jr., Carbella.

*Park.*—C. H. Johnson, Gardiner.

*Big Timber.*—L. P. McKnight, Big Timber.

*Cottonwood.*—Clive Galbraith, Lebo (Exp. Martinsdale).

*Shields.*—E. P. White, Wilsall.

**Beartooth.**—R. Trevor Ferguson, Billings (WU); L. F. Jefferson, deputy supervisor; Elona Meyer, senior clerk.

*Ranger District: Rock Creek.*—Floyd I. Dewald, Red Lodge; W. W. Larsen and Arthur L. Olson, rangers.

*Rosebud.*—Guy O'Neil, Luther (Exp. Red Lodge).

*Stillwater.*—Jay J. McGlinch, Limestone (Exp. Columbus).

*Pryor.*—C. O. Williamson, Bowler (Exp. Bridger).

**Beaverhead.**—John B. Somers, Dillon (WU); G. E. Martin, deputy supervisor; H. W. Elofson, grazing assistant; Harvey R. Marsh, senior clerk.

*Ranger District: Melrose.*—John W. Long, Melrose.

*Wisdom.*—A. W. Vogelsang, Wisdom (Exp. Divide).

*Jackson.*—Chas. G. Burdick, Jackson (Exp. Dillon).

*Argenta.*—H. B. Brown, Argenta (Exp. Dillon).

*Horse Prairie.*—August A. Schroeder, Grant.

*Sheep Creek.*—Albert Yochelson, Dell.

*Battlefield.*—Marshall G. Ramsey, Wisdom (Exp. Divide).

*Wise River.*—Pete Piazzola, Wise River.

**Bitterroot.**—John W. Lowell, Hamilton (WU); William M. Nagel, forest examiner; Hettie Millis, senior clerk.

*Ranger District: Stevensville.*—J. P. Brown, Stevensville.

*Corvallis.*—Geo. L. Dally, Corvallis.

*Darby.*—Nathaniel E. Wilkerson, Darby.

*Ross Hole.*—Clyde W. Shockley, Sula.

*West Fork.*—Thomas J. Donica, Darby.

*Salmon Mountain.*—B. F. Thomas, Darby.

*Paradise.*—J. D. Vance, Darby.

**Blackfeet.**—Leslie F. Vinal, Kalispell (WU); C. J. Hash, fire assistant; Le Vaughn Beaman, senior clerk.

*Ranger District: Upper North Fork.*—J. D. Lamey, Polebridge (Exp. Columbia Falls).

*Lower North Fork.*—M. S. Spink, Columbia Falls.

*Olney.*—Kenneth Masters, Olney.

*Fortine.*—Irving R. Jensen, Trego (Exp. Fortine); F. Herrig, ranger.

*Wolf Creek-Kila.*—A. J. Cramer, Pleasant Valley (Exp. Kalispell).

*Tally Lake.*— ———, Whitefish.

*Timber Sales.*—J. H. Bosworth, D. A. Gregory, and W. T. Winston, scalers.

**Cabinet.**—James E. Ryan, Thompson Falls (WU); Carl H. Siria, deputy supervisor; I. V. Anderson, forest assistant; George W. Buxton, senior clerk.

*Ranger District: Thompson River.*—James L. Adams, Yakt.

*Thompson Falls.*—Fred E. Brown, Thompson Falls.

*Trout Creek.*—Howard R. Larsen, Trout Creek.

*Noxon-Bull River.*—Benjamin F. Saint, Noxon.

*Plains.*—Neil L. Eplin, Plains.



**Custer.**—James C. Whitham, Miles City (WU, C); Wm. E. Lockhart, deputy supervisor; E. W. Hartwell, forest examiner; Mary E. McClain, senior clerk.

**Ranger District: Ekalaka.**—Jacob O. Thompson, Ekalaka (Exp. Miles City).

**Long Pine.**—Otto E. York, Camp Crook, S. Dak. (Exp. Miles City).

**Short Pine.**—L. W. Shevling, forest guard, Harding, S. Dak. (Exp. Miles City).

**Slim Buttes.**—Robert L. Harris, Gill, S. Dak. (Exp. Miles City).

**Cave Hills.**—Glen L. Dodge, Cox, S. Dak. (Exp. Miles City).

**Whitetail.**—James N. Templer, Stacey (Exp. Miles City).

**Twenty Mile.**—Warren Akers, Ashland (Exp. Miles City).

**Otter.**—Robert B. Rolfe, Ashland (Exp. Miles City).

**Poker Jim.**—Glen Flathers, Birney (Exp. Miles City).

**Deerlodge.**—John B. Taylor, Butte (WU, P, C); Thomas A. Clapp, deputy supervisor; John C. Ketridge, forest examiner; Olive Leaf, senior clerk.

**Ranger District: Deerlodge.**—Lorenzo D. Williamson, Deer Lodge; C. A. Joy, ranger.

**Anaconda.**—E. W. Kurtz, Anaconda; R. F. Nicodemus and R. C. Henley, rangers.

**Big Hole.**—A. E. Cole, Fishtrap (Exp. Anaconda).

**Fleeceer.**—W. V. Jefferson, Divide.

**Butte.**—W. F. Simons, Butte.

**Pipestone.**—Murray E. Skillman, Grace.

**Whitetail.**—H. H. Mills, Whitehall.

**Boulder.**—C. B. Stillinger, Basin.

**Flathead.**—Lloyd D. Hornby, Kalispell (WU); Kenneth Wolfe and Wm. L. Iay, deputy supervisors; F. F. Liebig, ranger; Elizabeth P. Dill, senior clerk.

**Ranger District: Essex.**—F. J. Neitzling, Essex.

**Coram.**—James E. Ready, Coram.

**Echo.**—John E. Thompson, Creston (Exp. Kalispell).

**Spotted Bear.**—Henry J. Thol, Coram.

**Big River.**—Thomas M. Wiles, Essex.

**Upper Swan.**—E. H. Billsborough, Swan Lake (Exp. Kalispell).

**Lower Swan.**—A. J. Halvorson, Swan Lake (Exp. Kalispell).

**Upper South Fork.**—Ray I. Trueman, Coram.

**Lower South Fork.**—Ansley E. Hutchinson, Coram.

**Gallatin.**—Burr W. Clark, Bozeman (WU, C); C. B. Swim, national forest examiner; Edward J. Hoel, senior clerk.

**Ranger District: Upper Gallatin.**—Joseph E. Callahan, Eldridge (Exp. Salesville).

**Middle Creek.**—Albert H. Nee, Bozeman.

**Yellowstone.**—Lester H. McLean, Emigrant.

**Bridger.**—Edward F. Foreman, Bozeman.

**Flathead.**—Fred E. Ainger, Wilsall.

**Squaw Creek.**—W. A. Chipperfield, Salesville.



**Helena.**—Arthur H. Abbott, Helena (WU, P); Guy M. Brandborg, deputy supervisor; R. W. Beeson, grazing assistant; Gladys I. Jackson, senior clerk.

*Ranger District: Deep Creek.*—Earl V. Welton, Townsend.

*Duck Creek.*—Bertram A. Goodman, Canton (Exp. Townsend).

*Smith River.*—Carl F. Uhlhorn, Watson (Exp. Townsend).

*Nelson.*—Calvin E. Barrick, Nelson (Exp. Helena).

*McClellan.*—C. F. Martineau, jr., Clancy.

*Crow Creek.*—Ray M. Kingsley, Radersburg (Exp. Toston).

*Helena.*—David H. Lewis, Helena.

*Blackfeet.*—M. D. Mizner, Elliston.

**Jefferson.**—Wilford H. Willey, Great Falls (WU, P, C); Adolph Weholt, deputy supervisor; Ella M. Triechler, senior clerk.

*Ranger District: Tenderfoot.*—C. F. Beall, Campsite (Exp. Logging Creek).

*Belt Creek.*—R. E. Dickinson, Neihart.

*Dry Wolf.*—J. C. De Groat, Stanford.

*Judith River.*—Thomas G. Myers, Utica (Exp. Hobson).

*East End South Snowies.*—David Lake, Judith Gap.

*East Snowy Mountains.*—Leon L. Lake, Heath.

*Mussellshell.*—John P. Bonham, Martinsdale.

*Sheep Creek.*—Emery E. Wilson, White Sulphur Springs.

*Castle Mountains.*—W. M. Laybourn, White Sulphur Springs.

*Highwood Mountains.*—Stacey Eckert, Highwood.

*Little Rockies.*—A. W. Armstrong, Zortman (Exp. Dodson).

**Kootenai.**—Arthur M. Baum, Libby (WU); Justin K. Dwinelle, fire assistant; Sam R. Broadbent and Tom B. W. Watkins, forest assistants; K. A. Klehm, lumberman; Adelaide Erdman, senior clerk.

*Ranger District: Upper Yaak-Sylvanite.*—A. E. Beckwith, Troy; H. R. Matthews.

*Lower Yaak.*—Howard McGill, Troy.

*Cabinet.*—J. P. Baldwin, Troy.

*Libby.*—Perry R. Rogers, Libby.

*Swamp Creek.*—E. A. Woods, Libby.

*Raven.*—Cecil D. Sousley, Manicke (Exp. Libby).

*Warland.*—E. H. Schroeder, Warland.

*Rexford.*—C. R. Byers, Rexford.

*Troy.*—Howard McGill, Troy.

*Pipe Creek.*—H. Mathews, Libby.

*Timber Sale.*—Ed Henrichs and John S. Baird, scalers.

**Lewis and Clark.**—Eldon H. Myrick, Choteau (WU, P); William M. Rush, deputy supervisor; Iphi Mills, senior clerk.

*Ranger District: Lubec.*—L. J. Howard, Glacier Park.

*Blackleaf.*—C. L. McVey, Blackleaf (Exp. Bynum).

*Teton.*—C. A. Butler, Choteau.

*Sun River.*—H. H. Hendron, Gilman.

*Willow Creek.*—Harry H. Halvorson, Augusta (Exp. Gilman).

*Dearborn.*—W. E. Fry, Augusta (Exp. Gilman).

**Lolo.**—Chas. D. Simpson, Missoula (WU, P); Ernest T. Wolf, deputy supervisor; Claude E. Sutton, forest examiner; H. H. Hoyt, forest assistant; Montana M. Zbinden, senior clerk.

*Ranger District: Lolo.*—Edward Mackay, Lolo.

*Powell.*—Edward Mackay, Lolo.

*Frenchtown.*—A. T. Macnab, Frenchtown.

*Quartz.*—George H. Hankinson, Rivulet.

*Superior.*—R. A. Cherry, Superior.

*St. Regis.*—Bert Harris, St. Regis.

*Savenac.*—Frank D. Haun, Haugan.

*Elk Summit.*—W. J. Bell, Lolo.

**Madison.**—Walter J. Derrick, Sheridan (WU); Wm. A. Schowe, deputy supervisor; Elva J. Leach, senior clerk.

*Ranger District: Sheridan.*—Harvey B. Rust, Sheridan.

*Pony.*—Claget Sanders, Pony.

*Bear Creek.*—Homer C. Bosworth, Cameron (Exp. Norris).

*Basin.*—W. A. Donaldson, West Yellowstone.

*Lyon.*—Arthur T. Smith, Lyon (Exp. Norris).

*Ruby.*—Ben. P. Maartin, Adler.

*Wall Creek.*—Frank D. Riggle, Abe (Exp. Norris).

*Timber Sale.*—Edwin A. Hupe, scaler.

**Missoula.**—Rutledge Parker, Missoula (WU, P. C.); John H. Clack, fire assistant; Olive Walker, senior clerk.

*Ranger District: Philipsburg.*—A. Price Townsend, Philipsburg.

*West Fork.*—H. R. Richards, Philipsburg.

*Bonita.*—Lewis G. Nichols, Bonita.

*Seely Lake.*—August J. Riggert, Seely Lake (Exp. Missoula).

*Monture.*—Charles Olson, Ovando (Exp. Missoula).

*Gold Creek.*—S. L. McNally, Bonner (Exp. Missoula).

## DISTRICT 2.

### ROCKY MOUNTAIN DISTRICT.

Colorado, Wyoming, South Dakota, Nebraska, Minnesota, and Michigan. Office, New Federal Building, Denver, Colo.

ALLEN S. PECK, district forester.

PUBLIC RELATIONS.—H. N. Wheeler; H. D. Cockran.

LAW.—Office of the Solicitor (Forest Service branch). W. J. Ise, assistant to the solicitor.

FINANCE AND ACCOUNTS.—Joel I. Buckner, chief of office and fiscal agent; Louis King, general assistant.

OPERATION.—C. M. Granger, assistant district forester; John McLaren, district forest inspector, fire protection; Peter Keplinger, training.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—South Dakota: John McLaren, district forest inspector. Michigan, Minnesota, and Wisconsin: Crosby A. Hoar, district forest inspector, 312 Torrey Bldg., Duluth, Minn.

MAINTENANCE.—C. A. Neeper.

**FOREST MANAGEMENT.**—M. W. Thompson, assistant district forester; Earl W. Tinker, district forest inspector; J. A. Donery, lumberman.

**PLANTING.**—Fred R. Johnson, forest examiner.

**GRAZING.**—John H. Hatton, assistant district forester; Lynn H. Douglas, inspector of grazing.

**LANDS.**—C. J. Stahl, assistant district forester; Thos. M. Moorman, assistant.

**ENGINEERING.**—Fred D. Mendenhall, district engineer; J. L. Brownlee, assistant district engineer.

**MAPS AND SURVEYS.**———.

**Drafting.**—L. S. Good.

## NATIONAL FORESTS.

### COLORADO.

**Arapaho.**—John V. Leighou, Hot Sulphur Springs (WU); J. C. McCallister, lumberman; A. E. Straub, jr., senior clerk.

**Ranger District: Williams Fork.**—Walter W. Wolf, Scholl (Exp. Parshall).

**Fraser.**—Carl L. During, Fraser.

**Sulphur.**—J. L. Glendening, Hot Sulphur Springs.

**North Park.**—Frank R. Crow, Rand (Exp. Walden).

**Timber Sale.**—John F. Johnston and Carl A. Magnuson, Fraser.

**Battlement.**—Ray Peck, Grand Junction (WU); Wm. B. Fay, surveyor; Cora L. Jorgensen, senior clerk.

**Ranger District Grand River.**—M. S. Hulse, Rifle.

**Muddy.**—W. F. Gilliam, Paonia.

**Lakes.**—J. B. Robinson, Cedaredge (Exp. Delta).

**Mesa.**—Walter A. Wagner, Mesa (Exp. De Beque).

**Collbran.**—G. L. Sanders, Collbran.

**Cochetopa.**—Fred B. Agee, Salida (WU); Eric A. Johnson, forest assistant; Edith H. Berrian, senior clerk.

**Ranger District: Carnero.**—Tibo Gallegos, Saguache.

**Saguache.**—Frank L. Trickel, Saguache (Exp. Moffat).

**Bonanza.**—Flor C. Corbit, Villa Grove.

**Poncha.**—Joseph M. Cuenin, Salida.

**Tomichi.**—W. E. Shropshire, Sargents.

**Cebolla.**—John A. Stavely, Powderhorn.

**Colorado.**—Wm. R. Kreutzer, Fort Collins (WU); Chester A. Lee, grazing assistant; Ingwald S. Horgen, junior forester (recreation); G. C. Hougham, executive assistant.

**Ranger District: Boulder.**—Lon H. Ulrich, Boulder.

**Estes Park.**—Josephus Ryan, Estes Park.

**Buckhorn.**—R. R. Willey, Masonville.

**Poudre.**—Gilbert N. Hunter, Fort Collins.

**Livermore.**—Hugh B. Curry, Log Cabin.

**North Park.**—L. H. Carr, Glendevy.

**Timber Sale.**—John W. Delaney, Foxpark, Wyo.



**Gunnison.**—Theodore Krueger, Gunnison (WU); Ray R. Clarke, deputy supervisor; Maude G. Bray, senior clerk.

*Ranger District: Pitkin.*—Jesse L. Trickel, Pitkin.

*Taylor Park.*—Paul P. Carnahan, Gunnison.

*Crested Butte.*—Henry L. Spencer, Crested Butte.

*Anthracite.*—Wm. A. Potter, Baldwin (Exp. Gunnison).

*North Fork.*—Thomas H. Thurman, Paonia.

*Sapinero.*—G. M. Sprague, Sapinero.

*Black Mesa.*—B. C. Heilman, Crawford (Exp. Hotchkiss).

**Holy Cross.**—Alve L. Richey, Glenwood Springs (WU); G. M. Hunter, deputy supervisor; Carl H. Gepfardt, senior clerk.

*Ranger District: Sheephorn.*—S. F. Chappel, Radium.

*Red Cliff.*—W. M. Scanlan, Red Cliff.

*Avon.*—L. L. Segur, Minturn.

*Eagle.*—Wm. S. Brown, Eagle.

*Frying Pan.*—V. C. Holcomb, Basalt.

*Capitol Creek.*—A. E. Harris, Woody.

*Aspen.*—L. C. Shoemaker, Aspen.

*Crystal River.*—R. M. Bradshaw, Carbondale.

**Leadville.**—Harold L. Borden, Leadville (WU, P); L. C. Anderson, forest examiner; Mary B. Hughes, senior clerk.

*Ranger District: Buena Vista.*—James L. Frame, Buena Vista.

*Leadville.*—Harry J. Smith, Leadville.

*Dillon.*—Edward F. Heaton, Dillon.

*Blue River.*—Stanley A. Mahan, Dillon.

*South Park.*—Raymond O. Taylor, Fairplay.

**Montezuma.**—A. F. C. Hoffman, Mancos (WU); F. V. Ostrowski, forest assistant; Ethel E. Lenz, senior clerk.

*Ranger District: Mancos.*—J. Ward Emerson, Mancos.

*Dolores.*—H. E. Kauffman, Dolores.

*Glade.*—E. L. Besondy, Dolores.

*Norwood.*—W. I. Wilson, Norwood.

*Telluride.*———, Telluride.

*Rico.*—James G. Cayton, Rico.

**Pike.**—Ress Philips, Colorado Springs (WU, P); Everard S. Keithley, forest examiner; Geo. H. Peters, forest assistant; L. T. Mahurin, executive assistant. Monument Nursery, W. H. Schrader, planting assistant, Monument.

*Ranger District: Clear Creek.*—W. B. Kelso, Idaho Springs.

*Jefferson.*—J. B. Fitzsimmons, Cassels (Exp. Weller).

*South Platte.*—F. C. Parret, Buffalo Creek (Exp. Pine Grove).

*Lake George.*—David E. Basham, Lake George (Exp. Divide).

*Devils Head.*—Fred Stell, Woodland Park.

*Pikes Peak (N).*—F. F. Poley, Cascade (Exp. Colorado Springs).

*Pikes Peak (S).*—J. H. Patterson, Colorado Springs.



<sup>10</sup>  
**Rio Grande.**—R. E. Clark, Monte Vista (WU) ; Walter F. Bowers, deputy supervisor ; Jesse M. Mann, grazing examiner ; M. R. Kennedy, senior clerk.

*Ranger District: Pyramid.*—Elbert E. Vanaken, Creede.

*Creede.*—Roy M. Truman, Creede.

*Alder.*—R. P. Inskeep, South Fork.

*South Fork.*—J. A. Hagerman, South Fork.

*Del Norte.*—William M. Darley, Monte Vista.

*Conejos.*—Wm. H. Lee, Antonito.

<sup>11</sup>  
**Routt.**—Wallace J. Pearce, Steamboat Springs (WU) ; Cléland H. Vaux, forest assistant ; Agnes D. McNair, senior clerk.

*Ranger District: Park Range.*—Howard G. Beehler, Coalmont.

*Gore.*—Charles W. Euler, Yampa.

*Steamboat.*—Dewey S. Wright, Steamboat Springs.

*Hahns Peak.*—Dean H. Leonard, Clark.

*Snake River.*—William F. Cochran, Columbine (Exp. Steamboat Springs).

*Bears Ears.*—Percy Ray, Craig.

<sup>12</sup>  
**San Isabel.**—Albin G. Hamel, Pueblo (WU) ; S. E. Doering, deputy supervisor ; Fay A. Kendig, senior clerk.

*Ranger District: Hardscrabble.*—J. J. Lowell, Wetmore (Exp. Florence).

*Greenhorn.*—Earl Nolen, Rye (Exp. Pueblo).

*Westcliffe-Salida.*—Neal O. McKinley, Westcliffe.

*San Luis.*—Harry S. Dunn, Crestone.

*Blanca.*—Paul Gilbert, Gardner (Exp. Walsenburg).

*Las Animas.*—Karl Gilbert, La Veta.

<sup>13</sup>  
**San Juan.**—H. Earl French, Durango (WU) ; Charles B. Mack, deputy supervisor ; Teresa V. Fackerell, senior clerk.

*Ranger District: La Plata.*—Glenn Dalton, Hesperus.

*Engineer.*—Paul D. Irwin, Durango.

*Animas.*—Thomas E. Price, Durango.

*Piné.*—Harry D. Hauser, Bayfield (Exp. Ignacio).

*Chimney.*—Frank E. Loring, Bayfield.

*Piedra.*—James B. Beals, Debs (Exp. Pagosa Springs).

*Treasure.*—James C. Maloy, Pagosa Springs.

*Blanca.*—Harry L. Norris, Pagosa Springs.

<sup>14</sup>  
**Uncompahgre.**—Harry H. French, Delta (WU) ; Gunnar K. Fenger, forest assistant ; Karl G. Brown, executive assistant.

*Ranger District: North End.*—Elmer F. Reed, Grand Junction.

*Delta.*—John H. Keep, Delta.

*Miguel.*—R. C. Miller, Nucla.

*Ouray.*—Thomas J. Watkins, Ouray.

*Alpine.*—William Doran, Lake City.

**White River.**—James A. Blair, Glenwood Springs (WU). Howard Hopkins, forest assistant; Ralph W. Gray, executive assistant  
*Ranger District: Sleepy Cat.*—Lewis A. Hahn, Marvine (Exp. Meeker).  
*Williams Fork.*—Bert L. Miller, Pagoda (Exp. Craig).  
*Bear River.*—Elmer E. Stephenson, Yampa.  
*Burns Hole.*—Felix E. Read, Riland.  
*New Castle.*—George A. Powell, New Castle.  
*Miller Creek.*—James R. Ahl, Buford.  
*Shoshone.*—Rich R. Thomson, Glenwood Springs.

## MICHIGAN.

**Michigan.**—R. G. Schreck, East Tawas (WU); Chas. A. Chartrand, senior clerk. Beal Nursery, Ralph H. Johnson, ranger, East Tawas.  
*Ranger District: Tawas.*—Byron L. Groesbeck, East Tawas.  
*Mio.*—Victor J. Dayharsh, Mio (Exp. Rose City).  
*Marquette.*—James H. Fraser, Raco.

## MINNESOTA.

**Minnesota.**—G. E. Marshall, Cass Lake (WU); Harry D. Petheram, forest assistant; R. W. Henry, senior clerk. Cass Lake Nursery.  
*Ranger District: Cass Lake.*—M. J. Cummings, Cass Lake.  
*Bena.*—Matt Soderback, Bena.  
*Cutfoot Sioux.*—George Farley, Deer River (Exp. Bena).  
**Superior.**—C. A. Dahlgren, Ely (P); Wm. L. Barker, jr., forest assistant; F. A. Kelly, fire assistant; Joseph Pluth, senior clerk.  
*Ranger District: Sioux River.*—John G. Handberg, Buyck (Exp. Orr).  
*Sawbill.*—J. E. Milligan, Grand Marais.  
*Island Lake.*—M. J. Valentine, Grand Marais.  
*Big Lake.*—A. E. Outzen, Ely.  
*Stony.*—Thos. A. Denley, Ely.  
*Kawishiwi.*—Frank Carney, Ely.  
*Brule Lake.*—F. P. Legat, Grand Marais.

## NEBRASKA.

**Nebraska.**—Jay Higgins, Halsey (WU); W. H. Ihlanfeldt, senior clerk. Morton Nursery, Karl L. Janouch, ranger, Nenzel; Bessey Nursery, Harry C. Turner, planting assistant, Halsey; John A. Lubbe, ranger.  
*Ranger District: Niobrara.*—John G. Lord, Doughboy.

## SOUTH DAKOTA.

**Black Hills.**—George A. Duthie, Deadwood (WU); S. D. Anderson, forest examiner; F. J. Poch, forest assistant; Wm. J. Cotton, senior clerk.

*Ranger District: Spearfish.*—Silas B. Helms, Savoy.

*Crook Mountain.*—Frank T. Smith, Sturgis.

*Hardy.*—Meredith Leitch, Lead.

*Rochford.*—C. L. Webber, Rochford.

*Merritt.*—Manford R. Hickel, Nemo.

*Pactola.*—Marion J. Webber, Pactola (Exp. Nemo).

*Nemo.*— ———, Nemo.

*Bearlodge.*—M. P. Erickson, Aladdin, Wyo.

*Black Buttes.*—George A. Price, Sundance, Wyo.

*Timber Sale.*—Theo. Cochran, Mystic.

**Harney.**—James F. Conner, Custer (WU); Cyril B. Webster, forest assistant; W. C. Robert, executive assistant.

*Ranger District: Keystone.*—Clair V. Cooke, Keystone (Exp. Hill City).

*Hill City.*—Charles H. Fox, Hill City.

*Bear Mountain.*—E. W. Hedlum, Custer.

*Custer.*—H. A. Gould, Custer.

*Pringle.*—N. E. Hibbard, Pringle.

*Elk Mountain.*—David F. McGill, Lauzon.

*Limestone.*—T. L. Fegraeus, Newcastle, Wyo.

*Timber Sale.*—Guy Kyes, Hill City; Roy L. Williams, Custer.

## WYOMING.

**Bighorn.**—John W. Spencer, Sheridan (WU); P. V. Woodhead, deputy supervisor; F. L. Archer, executive assistant.

*Ranger District: Porcupine.*—Earl W. Snelling, Lovell.

*Tongue.*—Y. Z. David, Dayton (Exp. Ranchester).

*Shell.*—Frank E. Blankenship, Shell (Exp. Greybull).

*Paintrock.*—Bly Dickson, Hyattville (Exp. Manderson).

*Goose.*—J. S. Veeder, Big Horn (Exp. Sheridan).

*Buffalo.*—C. B. Morgareidge, Buffalo.

*Tensleep.*—Edwin L. Miller, Tensleep (Exp. Manderson).

**Hayden.**—James Blackhall, Encampment (WU, P); Frank H. Rose, grazing assistant; Ernest J. Bordahl, senior clerk.

*Ranger District: Big Creek.*—Reed A. Higby, Big Creek (Exp. Encampment via Walcott).

*Encampment.*—Geo. P. Lang, Encampment (Exp. Walcott).

*North End.*—Richard R. Riggs, Saratoga (Exp. Walcott).

*Snake River.*—Grover Starks, Savery (Exp. Wamsutter).



**Medicine Bow.**—Huber C. Hilton, Laramie (WU, P); Raymond U. Harmon, forest assistant; Louis E. Coughlin, executive assistant.

**Ranger District: Foxpark.**—Frank E. Henry, Foxpark.

**Keystone.**—Richard L. Clarke, Holmes (Exp. Albany).

**Brush Creek.**—Carl A. Bode, Saratoga.

**Bow.**—Bruce Torgny, Elk Mountain (Exp. Hanna).

**Sevenmile.**—Even J. Williams, Centennial.

**Timber Sale.**—K. J. Helmick, lumberman, Foxpark; Paul L. Ginter, forest assistant; Geo. W. Howard and Chas. D. Schreibeis.

**Shoshone.**—Andrew Hutton, Cody (WU); J. N. Langworthy, deputy supervisor; Mrs. Margaret Hayden, senior clerk.

**Ranger District: Greybull.**—Fred R. Thomas, Pitchfork (Exp. Cody).

**North Fork.**—C. C. Spencer, Wapiti (Exp. Cody).

**South Fork.**—W. J. Petermann, Ishawooa (Exp. Cody).

**Sunlight.**—Chas. H. James, Painter (Exp. Cody).

**Clarks Fork.**—F. E. McGrew, Painter (Exp. Cody).

**Washakie.**—Arthur M. Cook, Lander (WU); Lewis R. Rist, deputy supervisor; Elsie Bayer, senior clerk.

**Ranger District: Absaroka.**—G. W. Goodson, Dubois.

**Sheridan.**—Jacob Baer, Dubois (Exp. Lander).

**Lander.**—E. L. Bennett, Lander.

**Timber Sale.**—E. H. Peck, lumberman, Dunoir; Wm. B. Apgar, forest assistant; Chas. H. Gregg, Haven B. Hall, E. B. Hill, and Clyde F. Peick.

## DISTRICT 3.

### SOUTHWESTERN DISTRICT.

Arizona and New Mexico. Office, Gas and Electric Building, Albuquerque, N. Mex.

**FRANK C. W. POOLER**, district forester.

**LAW.**—Office of the Solicitor (Forest Service branch). Wendell Rawlina, assistant to the solicitor.

**FINANCE AND ACCOUNTS.**—Albert Morris, chief of office and fiscal agent; H. B. Herms, general assistant.

**OPERATION.**—Aldo Leopold, assistant district forester; James F. Mullen, district forest inspector, assistant chief.

**MAINTENANCE.**—E. P. Ancona, forest examiner.

**FOREST MANAGEMENT.**—R. E. Marsh, assistant district forester; D. M. Lang, logging engineer; Quincy Randles, district forest inspector.

**TIMBER SURVEYS.**—W. T. Doherty, national forest examiner; E. R. Smith, forest assistant.

W. H. Long, consulting pathologist, Albuquerque, N. Mex.

**FOREST INSECT INVESTIGATIONS.**—W. D. Edmonston, entomologist, Tucson, Ariz.

**GRAZING.**—John Kerr, assistant district forester; J. A. Scott, district forest inspector, inspector of grazing; C. K. Cooperrider, grazing examiner; R. W. Hussey, grazing assistant.

**STUDIES.**— — — — —.



**RECONNAISSANCE.**—H. O. Cassidy, grazing examiner; F. G. Renner, Joseph Kramer, and Paul B. Lister, grazing assistants.

**LANDS.**—John D. Jones, assistant district forester; M. M. Cheney, district forest inspector.

**ENGINEERING.**—C. A. Long, district engineer; Lyman C. Kiddoo, executive assistant.

**MAPS AND SURVEYS.**—————.

Drafting.—F. E. Landon.

Entry Surveys.—T. F. Myers, surveyor.

**ROADS.**—C. A. Long, Minor Road Construction and Survey; R. L. Hughes.

**WATER POWER.**—C. A. Long.

**PUBLIC RELATIONS.**—Joseph C. Kircher, assistant district forester; Geo. H. Cook, executive assistant.

## NATIONAL FORESTS.

### ARIZONA.

**Apache.**—J. H. Sizer, Springerville (P—Exp. Holbrook); A. W. Voigt, deputy supervisor; Mary Karn, senior clerk.

*Ranger District: Alpine.*—Roy Swapp, Alpine (Exp. Holbrook).

*Baseline-Clifton.*—J. W. Girdner, deputy supervisor, Clifton; W. M. Sherman, ranger.

*Blue.*—David S. Marks, Blue (Exp. Holbrook); E. K. Elliott.

*Eagle.*—Hugh Balke, Clifton (Exp. Holbrook).

*Greer.*—G. L. Haynes, Greer (Exp. Holbrook); W. S. Casto.

*Nutrioso.*—Jesse T. Fears, Nutrioso (Exp. Holbrook).

**Coconino.**—E. G. Miller, Flagstaff (WU, P); J. A. Adams, deputy supervisor; A. B. Young, national forest examiner; Fred Merkle, scaler; P. H. Harley, executive assistant.

*Ranger District: Beaver Creek.*—Walter Hackleman, Camp Verde.

*Bly.*—R. I. Stewart, Winslow.

*Flagstaff.*—————, Flagstaff; E. L. Hamilton, forest assistant.

*Long Valley.*—W. J. Brown, Camp Verde (Exp. Clarkdale); C. N. Lochman.

*Mormon Lake.*—Roy H. Rice, Flagstaff.

*Munds Park.*—J. I. Bushnell, Cornville (Exp. Clarkdale); Oscar L. McLure, ranger.

*Rogers Lake.*—Oscar L. McLure, Flagstaff.

*Walnut Canyon National Monument.*—Neal Erickson, Flagstaff.

*Arizona Lumber & Timber Co. Sale.*—R. F. Rhinehart, lumberman, Flagstaff.

*Flagstaff Lumber Co. Sale.*—C. A. Merker, forest assistant, Flagstaff; Leonard W. Lewis.

*McGonigle Lumber & Development Co. Sale.*—Kimberlin Carlisle, ranger-scaler, Flagstaff; A. P. John, forest assistant.

*Greenlaw Lumber Co. Sale.*—————, Flagstaff.

**Coronado.**—H. G. Calkins, Tucson (WU); F. L. W. Grubb and C. W. McKenzie, deputy supervisors; Anita P. Blauchfield, senior clerk.

*Ranger District: Santa Catalina.*—J. A. Frieborn, Oracle (Exp. Tucson).

*Huachuca.*—Robt. Thompson, deputy supervisor, Cannille (Exp. Huachuca); H. A. Kendall, ranger.

*Paradise.*—C. B. Scholefield, deputy supervisor, Rodeo, N. Mex.

*Peloncillo.*—G. E. Galer, Cloverdale, N. Mex.

*Rincon.*———, Vail.

*Santa Rita.*—L. B. Smith, Vail; O. J. Olson.

*Sunset.*—F. D. Harris, Douglas.

*Tumacacori.*—A. S. Wingo, Nogales.

*Dragoon-Whetstone.*—Edwin G. Mettler, Cohise.

**Crook.**—T. T. Swift, Safford (WU); H. D. Burrall, forest examiner; W. L. Stiles, executive assistant.

*Ranger District: Aravaipa.*—H. E. Chipman, Klondyke (Exp. Wilcox).

*Pinal.*—C. V. Christensen, Globe; L. A. Shartzler.

*Queen Creek.*—H. L. Taylor, deputy supervisor, Globe.

*Mount Graham.*—R. D. Rowley, Safford; Russell Hawk.

**Prescott.**—H. Basil Wales, Prescott (WU); Robert Munro, national forest examiner; Florence J. Hill, senior clerk.

*Ranger District: Bloody Basin.*—W. M. Michelson, Mayer.

*Cherry.*—Paul R. Gray, Cherry (Exp. Cherry Creek).

*Crown King.*—R. S. Taliaferro, Crown King.

*Jerome.*—George Mutz, Jerome.

*Prescott.*—J. C. McNelty, deputy supervisor, Prescott.

*Skull Valley.*—J. E. Cook, Skull Valley.

*Walnut Creek.*—E. H. Oldham, Simmons (Exp. Prescott); Ralph H. Anderson.

**Sitgreaves.**—P. H. Roberts, Holbrook (WU, P); L. R. Lessell, national forest examiner; ———, scaler; C. L. Lincoln, executive assistant.

*Ranger District: Chevalon.*—W. E. Baldwin, Winslow.

*Heber.*—Landis J. Arnold, Heber (Exp. Holbrook); Frank Baldwin, ranger.

*Lakeside.*—C. Shumway, Lakeside (Exp. Holbrook).

*Pinedale Park.*—D. E. Slosser, Pinedale (Exp. Holbrook).

*Showlow.*—L. S. Kartchner, Showlow (Exp. Holbrook).

*Apache Lumber Co. Sale.*————, ranger-scaler.

**Tonto.**—T. T. Swift, Phoenix (WU); F. L. Kirby, deputy supervisor; R. W. Hussey, grazing assistant; L. E. Anderson, ranger.

*Ranger District: Cave Creek.*—Joseph Hand, Cactus (Exp. Phoenix).

*Mazatzal.*—Fred W. Croxen, Roosevelt (Exp. Globe).

*Payson.*—R. C. James, Payson (Exp. Globe).

*Pine.*—M. M. Bruhl, Pine (Exp. Globe).

*Pleasant Valley.*—Monta R. Stewart, Young (Exp. Globe).

*Salt River.*—A. L. Alexander, Roosevelt (Exp. Globe).

*Sierra Ancha.*—Guy B. Rencher, Globe.

**Tusayan.**—G. W. Kimball, Williams (WU, P); H. N. Cope, deputy supervisor; M. R. Scott, senior clerk.

*Ranger District: Anita Moqui.*—Floyd Betts, Williams.

*Ash Fork.*—F. J. Cox, Ash Fork.

*Chalender.*—Frank Bascom, Parks (Exp. Williams).

*Spring Valley.*—H. C. Hulbert, Parks (Exp. Williams).

*Verde.*—H. W. Ern, Puntenney (Exp. Cedar Glade).

*Williams.*—T. W. Rice, Williams.

*Saginaw & Manistee Lumber Co. Sale.*—H. E. German, scaler, Bellemont; C. W. Simmons, forest assistant; W. E. Auman, ranger.

#### NEW MEXICO.

**Carson.**—E. W. Loveridge, Taos (WU); C. R. Dwire and L. F. Cottam, national forest examiners; Robert F. Copple, grazing assistant; Luis P. Martinez, senior clerk.

*Ranger District: Canjilon.*—J. L. Hughes, Canjilon (Exp. Chama).

*Jicarilla.*—W. E. Murk, Vaqueros (Exp. Dulce).

*Questa.*—R. H. Westveld, Questa (Exp. Jarosa).

*San Antone.*—R. L. Ground, Oritz (Exp. Antonito); L. L. Feight.

*Servilleta.*—H. W. Naylor, Tres Piedras.

*Vallecitos.*—G. L. Wang, Vallecitos (Exp. L. Madera).

*Taos.*—Lloyd A. Brisbin, Taos (Exp. Taos Junction).

*Rio Pueblo.*—E. W. Cottam, Tres Ritos (Exp. Las Vegas or Embudo).

*Halleck and Howard Sale.*—W. J. Perry, lumberman, La Madera; Charles Tattrie, ranger.

*Santa Barbara Exchange.*—W. R. Shoemaker, Tres Ritos.

**Datil.**—A. H. Douglas, Magdalena (WU); S. F. Wilson, forest examiner; C. H. Kissam and W. J. Anderson, national forest examiners; Anna E. Fraser, senior clerk.

*Ranger District: Baldwin.*—S. Q. Garst, Datil (Exp. Magdalena).

*Black Range.*—H. Garvin Smith, Fairview (Exp. Engel).

*Elk Mountain.*—E. L. McPhaul, Beaverhead (Exp. Magdalena).

*Frisco.*—A. F. Bloom, Reserve (Exp. Magdalena).

*Jewett.*—F. L. McCammet, Aragon (Exp. Magdalena).

*Luna.*—B. S. Rogers, Luna (Exp. Magdalena).

*Magdalena.*—J. A. Simmons, Magdalena.

*Mangas.*—J. N. Kimmel, Mangas.

*Red Rock.*—G. L. Beckwith, Monticello (Exp. Engle).

*Rosedale.*—Louis Ketcham, Rosedale (Exp. Magdalena).

*Tulerosa.*—Frank Hiller, Aragon (Exp. Magdalena).

*Beaverhead.*—Harold Peckenpaugh, Beaverhead.

*Ranger at Large.*—Claude Fritz.



**Gila.**—Frederic Winn, Silver City (WU); L. J. Putsch, deputy supervisor; H. B. Bosworth, forest assistant; Warren M. Cox, executive assistant.

*Ranger District: Big Burros.*—B. F. Nabours, Tyrone.

*Black Range.*—J. R. Painter, Kingston (Exp. Lake Valley).

*Frisco-Mogollon.*—G. H. Currie, Buckhorn (Exp. Silver City); Samuel G. Meigs, ranger.

*McKenney Park.*—Henry Woodrow, Cliff (Exp. Silver City).

*Mimbres.*—R. W. Wood, Mimbres (Exp. Santa Rita).

*Pinos Altos.*—C. E. Hulbert, Pinos Altos (Exp. Silver City).

✓ **Lincoln.**—O. F. Arthur, Alamogordo (WU); Simeon Strickland, lumberman; R. C. Salton, forest examiner; R. J. Albers, senior clerk.

*Ranger District: Capitan.*—W. C. White, Lincoln (Exp. Capitan).

*Cloudcroft.*—W. H. Woods, jr., Cloudcroft.

*Gallinas.*—John H. Mims, Corona.

*Guadalupe.*—Lea Beall, Queen (Exp. Carlsbad).

*Mayhill.*—Geo. D. Russell, Mayhill (Exp. Cloudcroft).

*Ruidoso.*—G. W. Messer, Glencoe (Exp. Capitan).

*Weed.*—Ray E. King, Weed (Exp. Cloudcroft).

*White Mountain-Patos.*—Robert B. Ewing, Capitan; R. F. Hinchey, ranger.

*Southwestern Lumber Co. Sale.*—Jacob A. Work, Cloudcroft.

*Ranger at Large.*—R. P. Boone.

✓ **Manzano.**—K. C. Kartchner, Albuquerque (WU, P); Jacob C. Nave, deputy supervisor; Susan R. C. Beyer, senior clerk.

*Ranger District: Sandia.*—C. L. Warnock, Tijeras (Exp. Albuquerque).

*Mountainair.*—L. H. Laney, Mountainair; R. J. Boone, ranger.

*Mount Taylor.*—G. M. Flake, Grants; R. D. Smith.

*Zuni.*—F. E. Brennan, McGaffey (Exp. Perea).

✓ **Santa Fe.**—Frank E. Andrews, Santa Fe (WU, P); M. F. Pincetl, deputy supervisor; Rex King, forest examiner; Fred H. Miller, forest assistant; R. D. Morris, grazing assistant; M. J. Pettis, executive assistant.

*Ranger District: Tesuque.*—W. J. Pinson, Santa Fe.

*Chama.*—J. A. Rodriguez, Gallina (Exp. Espanola).

*Santa Clara.*—C. E. Moore, Espanola (Exp. Domingo).

*Cuba.*—E. L. Perry, Cuba (Exp. Albuquerque).

*Pecos.*—J. W. Johnson, Pecos (Exp. Glorieta); Perle Charles.

*Las Vegas.*—T. J. Ground, Las Vegas.

*Cochita.*—Ralph N. Earl, Bland.

*Bandelier National Monument.*—L. D. Lemley, Buckman.



## DISTRICT 4.

## INTERMOUNTAIN DISTRICT.

Utah, southern Idaho, western Wyoming, Nevada, and northwestern Arizona. Office, Forest Service Building, Ogden, Utah.

R. H. RUTLEDGE, district forester.

PUBLIC RELATIONS.—F. S. Baker, forest examiner.

LAW.—Office of the Solicitor (Forest Service branch). Manly Thompson, assistant to the solicitor.

FINANCE AND ACCOUNTS.—Lee Stratton, chief of office and fiscal agent; A. C. Wycoff, general assistant.

OPERATION.—C. N. Woods, assistant district forester; C. F. Evans, minor roads, trails, and improvements; Thomas V. Pearson, administrative assistant.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Idaho; C. N. Woods. I. H. Nash, State land commissioner, Boise, Idaho, collaborator.

MAINTENANCE AND PROPERTY AUDIT.—W. B. Crites.

FOREST MANAGEMENT.—C. B. Morse, assistant district forester; S. S. Stewart, forest examiner.

GRAZING.—Ernest Winkler, assistant district forester; D. A. Shoemaker, inspector of grazing, in charge of grazing studies.

LANDS.—R. E. Gery, acting assistant district forester; S. B. Locke, forest examiner.

ENGINEERING.—J. P. Martin, district engineer; W. W. Blakeslee, administrative assistant.

MAPS AND SURVEYS.————.

Drafting.—C. D. Jackson.

Entry Surveys.—C. J. Truscott.

ROADS.—J. P. Martin; Frank L. Allen, assistant.

WATER POWER.—J. P. Martin.

## EXPERIMENT STATION.

Great Basin, Manti National Forest.—C. L. Forsling, director; H. E. Malmsten, grazing examiner; Alan Richards, senior clerk.

## NATIONAL FORESTS.

## ARIZONA.

**Kaibab.**—H. G. McPheters, Kanab, Utah (WU—Exp. Marysvale, Utah); Hugh E. Putnam, senior clerk.

*Ranger District: Jacob Lake.*—James H. De Long, Kanab, Utah (Exp. Marysvale, Utah).

*Big Springs.*—Benjamin Swapp, Kanab, Utah (Exp. Marysvale, Utah).

## IDAHO.

**Boise.**—E. C. Shepard, Boise (WU) ; David Laing, supervisor ; Robert Strong, deputy supervisor ; Delia Calderwood, senior clerk.

*Ranger District: Long Gulch.*—Ed E. Poulton, Lenox (Exp. Mountain Home).

*Cottonwood.*—John D. Selby, Barber (Exp. Boise).

*Idaho City.*—Walter T. Berry, Idaho City (Exp. Boise).

*Atlanta.*—Roscoe R. Davis, Atlanta (Exp. Mountain Home).

*Lick Creek.*—Warren C. Taylor, Lowman (Exp. Banks).

*Pine.*—Irvin M. Varner, Pine (Exp. Mountain Home).

**Caribou.**—Earl C. Sanford, Montpelier (WU) ; Lucile C. Krogue, senior clerk.

*Ranger District: Snake River.*—Jess E. Draney, Antelope (Exp. Ririe).

*Grays Lake.*—J. E. Irby, Wayan (Exp. Soda Springs).

*Freedom.*—Charles A. Spackman, Freedom, Wyo. (Exp. Montpelier).

*Auburn.*—James B. Bruce, Auburn, Wyo. (Exp. Montpelier).

*Soda Springs.*—Arthur Peterson, Soda Springs.

*Montpelier.*—Camas Nelson, Montpelier.

**Challis.**—E. A. Renner, Challis (WU) ; Charles C. Shaw, ranger ; A. L. Moats, executive assistant.

*Ranger District: Challis.*—Willard Frost, Challis (Exp. Mackay).

*Clayton.*—John S. Malm, Clayton (Exp. Mackay).

*Loon Creek.*—Chas. Daugherty, Stanley (Exp. Mackay).

*Stanley.*—Edgar P. Huffman, Stanley (Exp. Mackay).

*Rapid River.*—Chas. Daugherty, Stanley (Exp. Mackay).

**Idaho.**—L. F. Watts, McCall (WU, P) ; A. A. Casner, supervisor ; W. C. McCormick and C. W. Griffin, deputy supervisors ; James Farrell, forest assistant ; Hubert B. Knipe, ranger.

*Ranger District: Roseberry.*—Lee Kessler, Roseberry (Exp. Donnelly).

*Meadows.*—F. E. Gray, McCall.

*Burgdorf.*—N. A. Nann, Burgdorf (Exp. McCall).

*Warren.*—C. T. Gray, Warren (Exp. McCall).

*South Fork.*—W. A. Estep, Warren (Exp. McCall).

*Chamberlain.*—Jesse L. Rutledge, Warren (Exp. McCall).

*Middle Fork.*—Merle Wallace, Warren (Exp. McCall).

*Big Creek.*—F. L. Williams, Clover (Exp. McCall).

*Lake Fork.*—M. E. Mahoney, McCall.

*Thunder Mountain.*—Guy C. Bacon, Warren (Exp. McCall).

**Lemhi.**—Orange A. Olsen, Mackay (WU).

*Ranger District: Medicine Lodge.*—Geo. A. Miller, Winsper (Exp. Dubois).

*Little Lost River.*—Robert B. Johnson, Mackay.

*Pahsimeroi.*—Oscar F. Cusick, May (Exp. Mackay).

*Antelope.*—J. L. Phillips, Grouse (Exp. Mackay).

*Wildhorse.*—Carrol C. Pelton, Mackay.

**Minidoka.**—R. D. Garver, Burley (WU) ; Milo H. Deming, grazing assistant ; Evelyn Ferrin, senior clerk.

*Ranger District: Cassia West.*—C. E. Jensen, Rogerson.

*Cassia East.*—E. E. Stock, Oakley.

*Albion Mountain.*—H. L. Smith, Elba (Exp. Oakley).

*Raft River-Black Pine.*—C. F. R. Boosinger, Strevell (Exp. Kelton, Utah).

*Sublett-Black Pine.*—Bert Mahoney, Sublett (Exp. Burley).

**Payette.**—Guy B. Mains, Emmett (WU) ; F. S. Moore, supervisor ; Francis Wallis, deputy supervisor ; Clark Miles, forest assistant ; Horace J. Burr, ranger ; A. P. Larson, senior clerk.

*Ranger District: West Mountain.*—Arthur Potter, Ola (Exp. Smiths Ferry).

*Garden Valley.*—Frank H. Miller, Garden Valley (Exp. Banks).

*Deadwood-Bear Valley.*—Graham E. McConnel, Garden Valley (Exp. Banks).

*Long Valley.*—John D. Parker, Cascade.

*Penn Basin.*—DeWitt Russell, Cascade.

*Middle Fork Salmon.*— ———.

*Pease Valley.*—Andrew L. Bunch, Garden Valley (Exp. Banks).

*Johnson Creek.*—Lorin N. Wellman, Cascade.

**Salmon.**—S. C. Scribner, Salmon (WU) ; F. H. Eyre, forest assistant ; R. E. Allen, ranger ; W. O. Putnam, senior clerk.

*Ranger District: Indianola.*—Carlton F. Clark, Northfork (Exp. Salmon).

*Hughes Creek.*—Allen H. Wheeler, Northfork (Exp. Salmon).

*Salmon.*—D. E. Romano, Salmon.

*Forney.*—Otis W. Slavin, Leesburg (Exp. Salmon).

*Lemhi.*—Clarence D. Huestis, Lemhi.

*Leadore.*—Thos. A. Jerrell, Leadore.

*Middle Fork.*—Roscoe E. Green, Meyers Cove.

**Sawtooth.**—M. S. Benedict, Hailey (WU) ; Richard F. Bowman, senior clerk.

*Ranger District: Greenhorn.*—N. C. Jensen, Hailey.

*Flowers.*—Virgil C. Moody, Ketchum.

*Pole Creek.*—W. H. Horton, Ketchum.

*Soldier.*—J. E. Minear, Fairfield.

*Shake Creek.*—A. T. Osborn, Featherville (Exp. Mountain Home).

**Targhee.**—S. W. Stoddard, St. Anthony (WU) ; David A. Arrivee and John N. Kinney, supervisors ; Theresa B. Harris, senior clerk.

*Ranger District: Spencer.*—Foster Steele, Spencer.

*Camas.*—K. C. Allan, Kilgore (Exp. Spencer).

*Big Springs.*—Ira Latham, Ashton.

*Hallie Park.*—Lemuel Steele, jr., deputy supervisor, Ashton.

*Porcupine.*—Leo J. Hutson, Ashton.

*Rapid Creek.*—Ray Pickett, Driggs.

*Victor.*—Claud C. Shannon, Victor.

*Grandview.*—Francis Moss, Canyon Creek (Exp. Tetonia).

*Hawley Gulch.*—Thornton G. Taylor, Heise (Exp. Rigby).

*Swan Valley.*—T. D. Cowan, Irwin



**Weiser.**—W. B. Rice, Weiser (WU); O. W. Mink, deputy supervisor; Thomas Lommasson, grazing assistant.

**Ranger District: Indian Valley.**—Robert E. Clabby, Indian Valley (Exp. Cambridge).

**Council.**—Elmer C. Ross, deputy supervisor, Council.

**Mann Creek.**—Willard A. McDowell, Weiser.

**Brownlee.**—Elmer E. McGinness, Cambridge.

**Hornet.**—Ethel H. Fears, Council.

**Bear.**—William J. Rafferty, Bear (Exp. Council).

#### NEVADA.

**Humboldt.**—Alexander McQueen, Elko (WU, P); Lewis B. Koch, deputy supervisor; Patrick Hamley, senior clerk.

**Ranger District: Independence.**—Charles E. Butler, Tuscarora (Exp. Elko).

**Mountain City.**—L. E. McKenzie, Mountain City (Exp. Elko).

**Gold Creek.**—Don S. Chapman, Gold Creek (Exp. Elko).

**Jarbidge.**—Thos. J. Wells, Jarbidge (Exp. Rogerson).

**North Ruby.**—A. C. Rohwer, Arthur (Exp. Deeth.)

**South Ruby.**—J. W. Mink, Jiggs (Exp. Elko).

**Paradise Valley.**—Paul L. Travis, Paradise Valley (Exp. Winnemucca).

**Quinn River.**—C. D. Miller, Rebel Creek (Exp. Winnemucca).

**Nevada.**—Chas. A. Beam, Ely (WU); Joseph R. Holmberg, senior clerk.

**Ranger District: Baker.**—Graham S. Quate, Baker (Exp. Ely).

**Berry Creek.**—George E. Moore, McGill.

**Currant.**—Claude R. Townsend, Preston (Exp. Ely).

**Spring Valley.**—Lloyd Robison, Aurum (Exp. Ely).

**Toiyabe.**—J. W. McGowan, Austin (WU, P); C. M. Gwin, ranger; Ruth L. Trolson, senior clerk.

**Ranger District: Manhattan.**—Bert Whitney, Round Mountain (Exp. Austin).

**Potts.**—Roy A. Brown, Potts (Exp. Austin).

**Reese River.**—John Cinik, Reese River (Exp. Austin).

**Kingston.**—Marion Harris, Austin.

#### UTAH.

**Ashley.**—Chas. DeMoisy, jr., Vernal (WU); Albert A. Hardy, ranger; June P. Allen, senior clerk.

**Ranger District: Manila.**—Glen A. Lambert, Manila (Exp. Green River, Wyo.).

**Vernal.**—H. O. Van Tassell, Vernal.

**Lonetree.**—Clyde Lambert, Lonetree, Wyo. (Exp. Carter, Wyo.).

**Whiterocks.**—Geo. W. Walkup, Whiterocks (Exp. Price).

**Lake Fork.**—Albert E. Blood, Altonah (Exp. Price).



17  
Cache.—Carl B. Arentson, Logan (WU); James O. Stewart, grazing assistant; Margaret E. Jensen, senior clerk.

Ranger District: *Logan River*.—H. I. Rice, deputy supervisor, Logan; L. C. Smith.

*Rich County*.—H. M. Peterson, Laketown (Exp. Paris, Idaho).

*Bear Lake County*.—W. S. Averill, Paris, Idaho.

*Cub River*.—Leroy Lindsay, Minkcreek, Idaho (Exp. Preston, Idaho).

*Sherman Peak*.—L. C. Smith, Soda Springs, Idaho.

*Pocatello-Portneuf*.—S. R. Justice, Pocatello, Idaho.

18  
*Oxford and Elkhorn*.—W. H. Campbell, Malad, Idaho.

Dixie.—William M. Mace, Cedar City (WU); Ernest J. Rowett, senior clerk.

Ranger District: *Enterprise*.—John H. Kroencke, Enterprise (Exp. Modena).

*Pine Valley*.—Samuel A. Macfarlane, Pine Valley (Exp. Modena).

*Leeds*.—Earl V. Storm, Leeds (Exp. Lund).

*Little Valley*.—Keith A. Dodge, Parowan (Exp. Cedar City).

*Lowder*.—Frank W. Seaman, Cedar City.

*Harris Flat*.—William M. Hurst, Panguitch (Exp. Marysville).

19  
Fishlake.—C. A. Mattsson, Richfield (WU); James E. Gurr, deputy supervisor; Allen C. Folster, senior clerk.

Ranger District: *Scipio*.—Bert L. Robins, Scipio (Exp. Juab).

*Fillmore*.—James Jensen, Fillmore (Exp. Oasis).

*Redview*.—H. M. Christensen, Richfield.

*Koosharen*.—James H. Baldwin, Monroe (Exp. Elsinore).

*Belknap*.———, Sevier.

*Gooseberry*.—John Barnard, Salina.

*Elkhorn*.—Albert Albertson, Loa (Exp. Sigurd).

*Fishlake*.—Chester Olsen, Koosharem (Exp. Sigurd).

*Mountain Ranch*.—Blaine Betenson, Salina.

20  
*Big Flat*.—Wilford E. Tangren, Beaver (Exp. Milford).

La Sal.———, Moab (WU); Geo. M. O'Neill, senior clerk.

Ranger District: *Mesa*.—Lewis T. Quigley, deputy supervisor, Moab (Exp. Thompson).

*La Sal*.—H. A. Tangren, La Sal (Exp. Thompson).

*Monticello*.—Carroll J. Meador, Monticello (Exp. Thompson).

*Grayson*.—Marion P. Hunt, Blanding (Exp. Thompson); H. A. Tangren.

21  
Manti.—J. W. Humphrey, Ephraim (WU); S. S. Van Boskirk, deputy supervisor; G. S. Hansen, senior clerk.

Ranger District: *Mount Baldy*.—Edward P. Cox, Manti.

*Clay Springs*.—D. H. Williams, Emery (Exp. Price).

*Seely Creek*.—Wells Thursby, Ephraim.

*Bear Creek*.—Byron A. Howard, Huntington (Exp. Price).

*Canyon View*.—Merrill Nielson, Mount Pleasant.

*Mammoth*.—Seth H. Ollerton, Fairview.

*Joe's Valley*.—P. M. V. Anderson, Orangeville (Exp. Price).

✓ **Powell.**—Wallace M. Riddle, Widtsoe (WU) ; Leo H. Nielson, senior clerk.

*Ranger District: Rabbit Valley.*—Wilford Bentley, Teasdale (Exp. Salina).

*Escalante.*—Joseph J. Porter, Escalante (Exp. Marysvale).

*Johns Valley.*—Milo T. Dyches, Widtsoe (Exp. Marysvale).

*East Fork.*—Leland D. Heywood, Panguitch (Exp. Marysvale).

*Adams Head.*—E. L. Cox, Panguitch (Exp. Marysvale).

✓ **Uinta.**—John Raphael, Provo (WU) ; Walter M. Campbell, supervisor ; Geo. O. Stevens, senior clerk.

*Ranger District: Duchesne.*—Wm. L. Huff, Duchesne.

*Springville.*—Parley C. Madsen, Springville.

*Soldier Summit.*—Charles H. Allred, Springville.

*Currant Creek.*—George C. Larson, Heber.

*Lake Creek.*—Edson J. Adair, Heber.

*Hanna.*—James R. Ostler, Hanna (Exp. Duchesne or Park City).

*Payson.*—Fred O. Johnson, Payson.

*Nephi.*—A. P. Christiansen, Nephi.

✓ **Wasatch.**—Dana Parkinson, Salt Lake City (WU, P) ; Walter G. Mann, supervisor ; La Rue Greening, senior clerk.

*Ranger District: Big Cottonwood.*—George A. Green, jr., Sandy (Exp. Midvale).

*Pleasant Grove.*—Vivian N. West, Pleasant Grove.

*Salt Lake.*—William W. Smith, Murray.

*Kamas.*—Morgan Parke, Kamas (Exp. Park City).

*Blacks Fork.*—Charles H. McDonald, Kamas (Exp. Park City).

#### WYOMING.

✓ **Teton.**—A. C. McCain, Jackson (WU) ; E. P. Ellis, senior clerk.

*Ranger District: Buffalo.*—Richard H. Ohl, Moran (Exp. Victor, Idaho).

*Black Rock.*—Rudolph Rosencrans, Moran (Exp. Victor, Idaho).

*Faler.*—Roy Conner, Daniel (Exp. Opal).

*Horsetail.*—Bruce L. Coulter, Kelly (Exp. Victor, Idaho).

*Goosewing.*—Bruce L. Coulter, Kelly (Exp. Victor, Idaho).

*Jackson.*—Felix Buchenroth, Jackson (Exp. Victor, Idaho).

*Byran Fat.*—William H. McKahan, Jackson (Exp. Victor, Idaho).

*Stewart.*—Charles S. Horel Teton (Exp. Victor, Idaho).

*Lec.*—Earle W. Harris, Wilson (Exp. Victor, Idaho).

**Wyoming.**—C. E. Favre, Kemmerer (WU); A. G. Nord and Ernest E. McKee, deputy supervisors; Archie Leroy Gibson and E. G. Wiesehuegel, forest assistants; R. G. Smith, timber survey; Isabel Smith, senior clerk.

**Ranger District: Kelly.**—R. A. Beauchamp, Cokeville.

**Snyder Basin.**—Chas. E. Brackett, Big Piney (Exp. Opal).

**Sherman.**—Leo E. Fest, Merna (Exp. Opal).

**Bedford.**—Fred Graham, Afton (Exp. Montpelier, Idaho).

**Afton.**—G. G. Albans, Afton (Exp. Montpelier).

**Smoot.**—Henry Bedford, Smoot (Exp. Montpelier, Idaho).

**Kendall.**—Harry A. Cheeseman, Kendall (Exp. Rock Springs).

**Willow Creek.**—H. A. Shannon, Cora (Exp. Rock Springs).

**Fremont.**—Ernest E. McKee, Pinedale (Exp. Rock Springs).

**Dutch Joe.**—Martin Murphy, Big Sandy (Exp. Rock Springs).

**Tie Sale.**—Chas. E. Brackett, Kemmerer (Exp. Opal); William O. Ray, E. V. Cockins, and Ona A. Harrison, rangers.

## DISTRICT 5.

### CALIFORNIA DISTRICT.

California and southwestern Nevada. Office, Ferry Building, San Francisco, Calif.

**PAUL G. REDINGTON**, district forester.

**LAW.**—Office of the Solicitor (Forest Service branch). H. P. Dechant, assistant to the solicitor.

**FINANCE AND ACCOUNTS.**—A. W. Smith, chief of office and fiscal agent; P. A. Tucker, general assistant.

**OPERATION.**—Robert L. Deering, assistant district forester; L. W. Hess, executive assistant.

**PERSONNEL, INSPECTION, AND IMPROVEMENTS.**—Paul P. Pitchlynn, district forest inspector.

**FIRE.**—E. I. Kotok, forest examiner.

**STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.**—California; E. I. Kotok.

**MAINTENANCE.**—E. H. Schmieder.

**Minor Roads and Trails.**—F. D. Bowlus, district forest inspector; W. A. Huestis, national forest examiner.

**TELEPHONE ENGINEERING.**—F. H. Hafley, telephone engineer.

**FOREST MANAGEMENT.**—T. D. Woodbury, assistant district forester; C. E. Dunston, supervisor.

**LOGGING ENGINEERING.**—J. H. Price, logging engineer; J. R. Berry, lumberman.

**TIMBER SALES.**—J. C. Elliott, lumberman.

**TIMBER SURVEYS.**—O. M. Evans, forest examiner.

**FOREST PATHOLOGY (Bureau of Plant Industry).**—E. P. Meinecke, consulting pathologist; H. G. Lachmund, Willis W. Wagener, and L. S. Gill, assistants; Frank L. Saltzman, superintendent, Experiment Station.



FOREST INSECT INVESTIGATIONS.—H. E. Burke (Palo Alto, Calif.) and J. M. Miller (Northfork, Calif.), entomologists.

GRAZING.—Jesse W. Nelson, assistant district forester.

STUDIES.—R. R. Hill, district forest inspector.

LANDS.—L. A. Barrett, assistant district forester; George Miller, national forest examiner.

MINERAL EXAMINATION, LAND CLASSIFICATION, AND ENTRY SURVEYS.—W. H. Friedhoff, mineral examiner.

RESEARCH.—S. B. Show, silviculturist; Duncan Dunning, forest examiner.

FOREST PRODUCTS.—C. L. Hill, forest examiner; C. Burdett Green and J. E. Pemberton, forest assistants; Carl A. Kupfer, collaborator.

ENGINEERING.—F. E. Bonner, district engineer; J. C. Dort, assistant district engineer.

MAPS AND SURVEYS.—S. N. Stoner; Don M. Hoffman.

Drafting.—H. A. Sedelmeyer.

ROADS.—J. C. Dort; Don M. Hoffman.

WATER POWER.—E. W. Kramer, S. H. Ketcham.

PUBLIC RELATIONS.—W. I. Hutchinson, assistant district forester.

EXHIBITS.—Paul J. Fair.

## NATIONAL FORESTS.

### CALIFORNIA.

Angeles.—R. H. Charlton, Los Angeles (WU, P); Earl V. Lackey, executive assistant.

*Ranger District: Pasadena.*—Thomas W. Sloan, deputy supervisor, Pasadena. Arroyo Seco Division: A. J. Mueller, Pasadena. Glendora Division: I. Kiermeyer, Glendora. Monrovia Division: F. H. Hayward, Sierra Madre. San Antonio Division: A. T. Shay, Upland. San Dimas Division: E. L. Buxton, San Dimas. San Fernando Division: C. D. Nash, San Fernando. San Gabriel Division: J. W. Calvert, jr., Azusa. Valyermo Division: L. H. Dorr, Valyermo. West Fork Division: F. H. Hayward, Sierra Madre.

*Ranger District: San Bernardino.*—Fred J. Jeken, deputy supervisor, San Bernardino; L. H. Anderson, ranger, special uses. Banning Division: C. A. Morris, Banning. Big Bear Division: Ray McCormick, Pine Knot. Burnt Mill Division: B. W. Switzer, Lake Arrowhead. Cajon Division: Harry F. Burbank, Cajon. Lytle Creek Division: J. H. Hayden, Glenn Ranch. Mill Creek Division: J. H. Sanborn, Mentone. San Bernardino Division: ———, Del Rosa. Skyland Division: F. W. Funke, Crestline.

✓ California.—J. D. Coffman, Willows (WU); W. F. Derby, deputy supervisor; Fred P. Cronemiller, grazing examiner; Robert J. Settles, executive assistant.

*Ranger District: Covelo.*—Douglas Robinson, Covelo (Exp. Dos Rios).

*Paskenta.*—M. W. Durham, Paskenta (Exp. Corning).

*Stonyford.*—R. G. Stites, Stonyford (Exp. Maxwell).

*Upper Lake.*—George E. Squires, Upper Lake (Exp. Ukiah).



**Cleveland.**—S. A. Boulden, San Diego (P); Anna B. Stephens, senior clerk.

*Ranger District: Descanso.*—J. B. Stephenson, Descanso (Exp. San Diego).

*Palomar.*—C. W. Beardsley, Aguanga (Exp. Hemet).

*San Jacinto.*—A. J. Berg, Hemet.

*Trabuco.*—H. I. Snider, Corona.

**Eldorado.**—E. F. Smith, Placerville (WU); Geo. M. Gowan, forest assistant; Margaret J. Lyon, senior clerk.

*Ranger District: Calder.*—A. W. Hughes, Diamond Springs.

*Georgetown.*—R. C. M. Berriman, Georgetown (Exp. Placerville).

*Pacific.*—M. D. Morris, Camino (Exp. Placerville); R. R. Bryan, ranger.

**Inyo.**—Thomas J. Jones, Bishop (WU); Leon J. Cranston, ranger; H. H. Simpson, recreation survey and range reconnaissance; H. V. Beeks, executive assistant.

*Ranger District: Big Pine.*—Wesley E. Hotelling, Big Pine.

*Mammoth.*—Guy S. Way, Bishop.

*Mount Whitney.*—E. E. Cuff, Lone Pine.

*White Mountain.*—Chas. H. Simson, Bishop.

**Klamath.**—T. C. West, Yreka (WU); F. D. Douthitt and Perry J. Hill, deputy supervisors; Paul E. Chesebro, senior clerk.

*Ranger District: Happy Camp.*—E. M. Sutcliffe, Happy Camp (Exp. Hornbrook).

*Orleans.*—E. P. Hickey, Orleans (Exp. Eureka).

*Sawyers Bar.*—Judell M. Samon, Sawyers Bar (Exp. Yreka).

*Scott River.*—George B. Young, Scott Bar (Exp. Yreka).

*Yreka.*—Harry N. Burket, Yreka.

**Lassen.**—W. G. Durbin, Susanville (WU); J. E. Elliott, deputy supervisor; A. E. Weislander, forest examiner; John S. Barnes, forest assistant; V. S. Brown, lumberman; Catherine Brusstor, senior clerk.

*Ranger District: Bogard.*—E. V. Patterson, Susanville.

*Coppervale.*—C. F. Conrad, Westwood.

*Hat Creek.*—Reuben P. Box, Hat Creek (Exp. Red Bluff).

*Magalia.*—C. D. Merrill, Magalia.

*Mineral.*—W. S. Williams, Mineral.

**Modoc.**—George W. Lyons, Alturas (WU); Leland S. Smith, grazing examiner; Orvill P. Burnett, forest assistant; Wm. S. Brown, executive assistant.

*Ranger District: Big Valley.*—A. W. Bramhall, Adin (Exp. Alturas).

*Devils Garden.*—J. C. Davis, Alturas.

*Happy Camp-Doublehead.*—Ivan A. Cuff, Malin, Oreg. (Exp. Klamath Falls, Oreg.); Oscar L. Barnum, ranger.

*North Warners.*—L. L. Smith, Willow Ranch.

*South Warners.*—Ben L. Johnson, Cedarville (Exp. Alturas).

**Plumas.**—D. N. Rogers, Quincy (WU); Geo. R. Orr, lumberman; John S. Everitt and John C. Sammi, forest assistants; Richard L. Wiley, executive assistant.

*Ranger District: Beckwith.*—A. E. Gould, Blairsden.

*Greenville.*—H. F. Wilcox, Greenville (Exp. Crescent Mills).

*La Porta.*—Wm. Hayes, challenge (Exp. Oroville).

*Merrimac.*—Fred E. McMurphy, Merrimac (Exp. Oroville).

*Milford.*—C. R. Mainwaring, Milford (Exp. Doyle).

*Quincy.*—H. A. Kloppenburg, Quincy.

*Yellow Creek.*—W. C. Bader, Chester (Exp. Crescent Mills).

**Santa Barbara.**—C. E. Jordan, Santa Barbara (WU, P); Wm. V. Mendenhall, deputy supervisor; H. H. Hunt, range appraisal; Clarence Wiley, executive assistant.

*Ranger District: Coast and Santa Ynez.*—Frank E. Dunne, Santa Barbara.

*San Luis.*—D. D. Harkness, Arroyo Grande.

*Zaca.*—J. L. Libeu, Los Olivos.

*Cuyama.*—Jacinto D. Reyes, Scheideck (Exp. Maricopa).

*Monterey.*—Clarence A. Chamberlain, King City.

*Ojai.*—N. E. Peterson, Ojai.

*Saugus.*—Harry R. Valentine, Newhall.

*Tejon.*—V. C. DeLapp, Gorman (Exp. Lancaster).

**Sequoia.**—Frank P. Cunningham, Porterville (WU, P); Lee Slinkard, ranger; Walter E. Jotter, forest assistant; H. L. Phelps, senior clerk.

*Ranger District: Breckenridge.*—Westley H. Rhodehamel, Caliente.

*Cannell Meadow.*—Ray Stevenson, Isabella (Exp. Caliente).

*Deer Creek.*—W. J. Brown, Hot Springs (Exp. Ducor); Roswell L. Tibbitts, ranger.

*Greenhorn.*—Robert J. Beard, Glenville (Exp. Bakersfield).

*Kings Canyon.*—A. R. Lackey, Badger (Exp. Cutler); J. Ray Stephens, ranger.

*Tule River.*—Wesley Snider, Springville.

**Shasta.**—J. R. Hall, Sisson (WU, P); Belknap C. Goldsmith, forest examiner; L. N. Lorenzen, grazing examiner; Alden F. Tissot, forest assistant; Carrie E. Green, senior clerk.

*Ranger District: McCloud.*—L. E. Overmeyer, McCloud; Everett Smith, ranger.

*Pitt.*—Frank Myers, Cayton (Exp. Bartle).

*Sacramento.*—Leslie T. Solaro, Sisson.

*Scott.*—F. H. Williams, Callahan (Exp. Gazelle).

*Squaw Creek.*—William H. Spargo, Winthrop (Exp. Bully Hill).

*Trinity.*—A. E. Noren, Trinity (Exp. Redding).

13  
Sierra.—M. A. Benedict, Northfork (WU, Exp. Fresno); Burnett Sanford, forest assistant; John M. Hughes, national forest examiner; Roy Boothe, ranger; Julia Greff, senior clerk.

*Ranger District: High Sierra.*—James U. Poore, Pineridge (Exp. Cascada).

*Kings River.*—Isaac R. Bays, Pineridge (Exp. Cascada).

*Mariposa.*—Malcolm McLeod, Nipinnawasee (Exp. Raymond).

*Northfork.*—Audie K. Wofford, Northfork (Exp. Fresno); E. S. Mainwaring, Frank M. Sweeley, Wm. C. Godfrey, and Earl B. Johnston, rangers.

*Pineridge.*—Frank Price, Big Creek (Exp. Cascada).

14  
Stanislaus.—J. V. Wulff, Sonora (WU); W. S. Price, scaler; M. R. Brundage and Robert M. Riley, forest assistants; Claude K. Barker, ranger; Florence G. Chamberlain, senior clerk.

*Ranger District: American Camp.*—P. Y. Lewis, Columbia (Exp. Sonora).

*Calaveras.*—C. L. Boothe, Murphy\* (Exp. Angeles Camp); Frank McCaslin, ranger.

*Center Camp.*—B. F. Tyler, Confidence (Exp. Sonora).

*Riverside.*—A. E. Freer, Tuolumne.

*Tuolumne.*—R. L. Kloppenburg, Groveland (Exp. Chinese Camp); W. J. Brokenshire, ranger.

15  
Tahoe.—R. L. P. Bigelow, Nevada City (WU); Fred J. Dooley, lumberman; Millard M. Barnum, forest assistant; E. P. Gleason and Lawson H. Brainerd, rangers; Wm. M. Gracey, executive assistant.

*Ranger District: Camptonville.*—C. E. Whittum, Camptonville (Exp. Nevada City).

*Downieville.*—George E. King, Goodyears Bar (Exp. Nevada City).

*Emigrant Gap.*—C. F. Hurst, Cisco.

*Foresthill.*—F. A. Land, Foresthill (Exp. Colfax).

*North Bloomfield.*—Carl T. Larsen, North Bloomfield (Exp. Nevada City).

*Sierraville.*—J. A. McIntosh, Sierraville (Exp. Loyaltan).

*Truckee.*—Lee R. DeCamp, Truckee.

16  
Trinity.—B. H. Mace, Weaverville (WU); John T. Gray, deputy supervisor; Nellie M. Hennessy, senior clerk.

*Ranger District: Hayfork and Hyampom.*—Harry Everest, Hayfork (Exp. Weaverville); Jas. N. McKnight, ranger, Hyampom.

*Lower Trinity.*—F. A. Graham, Salyer (Exp. Korbel).

*Upper Trinity.*—W. C. Graham, Weaverville.

*Mad River.*—Iles McNeill, Ruth (Exp. Carlotta).

*Yolo Bola.*—Alva Tracy, Knob (Exp. Redding).

#### NEVADA.

17  
Mono.—Wm. M. Maule, Minden (WU); Walter S. Young, senior clerk.

*Ranger District: Alpine.*—W. J. Clark, Markleville, Calif. (Exp. Minden).

*Bridgeport.*—H. W. Atcheson, Bridgeport, Calif. (Exp. Minden).

*Mono Lake.*—W. E. Green, Mono Lake, Calif. (Exp. Minden).

*Sweetwater.*—C. E. Johnson, Sweetwater (Exp. Minden).



## DISTRICT 6.

## NORTH PACIFIC DISTRICT.

Washington and Oregon. Office, Post Office Building, Portland, Oreg.  
GEO. H. CECIL, district forester.

LAW.—Office of the Solicitor (Forest Service branch). W. F. Staley, assistant to the solicitor.

FINANCE AND ACCOUNTS.—A. H. Cousins, chief of office and fiscal agent; H. J. Weil, general assistant.

OPERATION.—A. O. Waha, assistant district forester; Shirley Buck, national forest inspector.

FIRE PROTECTION.—W. B. Osborne, jr., forest examiner.

IMPROVEMENTS, MINOR ROADS, AND TRAILS.—F. H. Brundage, forest examiner; T. P. Flynn, national forest examiner.

TELEPHONE ENGINEERING.—C. M. Allen, telephone engineer.

LAW ENFORCEMENT.—T. M. Talbott, national forest examiner.

INSPECTION OF PROTECTION OF OREGON & CALIFORNIA RAILROAD LANDS.—R. H. Chapler, forest examiner.

STATE COOPERATIVE FIRE PROTECTION, UNDER THE WEEKS LAW.—Washington and Oregon: R. H. Chapler and T. M. Talbott, national forest examiners.

MAINTENANCE.—H. G. Whitney. District warehouse: R. M. Filloon.

FOREST MANAGEMENT.—Fred Ames, assistant district forester.

TIMBER SALES.—Thornton T. Munger, silviculturist.

LOGGING ENGINEERING.—Bruce E. Hoffman, logging engineer; Geo. L. Drake, lumberman; O. F. Ericson, forest examiner.

CHECK SCALING.—G. E. Stevenson, lumberman.

TIMBER SURVEYS.—Fred A. Matz, lumberman; F. L. Moravets, forest assistant.

INSECT CONTROL.—A. J. Jaenicke, forest examiner.

FOREST PATHOLOGY (Bureau of Plant Industry).—John S. Boyce, consulting pathologist.

PLANTING AND FOREST INVESTIGATIONS.—J. F. Kümmel and E. J. Hanzlik, forest examiners.

FOREST INSECT INVESTIGATIONS.—F. P. Keen, assistant entomologist; H. L. Person, junior entomologist; O. J. Hauge and Harry A. Wise, entomological rangers.

GRAZING.—E. N. Kavanagh, assistant district forester; J. L. Peterson, inspector of grazing.

STUDIES.—D. C. Ingram, grazing examiner.

LANDS.—C. J. Buck, assistant district forester; F. W. Cleator, forest supervisor.

CLAIMS.—W. M. H. Woodward, mineral examiner.

LAND EXCHANGES.—Ryle Teed, national forest examiner.

ENGINEERING.—Philip H. Dater, district engineer; George W. Root, assistant district engineer.

MAPS AND SURVEYS.—A. H. Hodgson, Lage Werustedt.

Drafting.—V. H. Flach.

Entry Surveys.—George W. Root, E. R. Johnson.

ROADS.—Philip H. Dater, George W. Root, Cecil A. Lord, E. R. Johnson.



WATER POWER.—Philip H. Dater.

PRODUCTS.—W. H. Gibbons and H. M. Johnson, forest examiners, Portland; C. W. Zimmerman and H. C. Stinson, engineer and assistant engineer in forest products, Seattle.

PUBLIC RELATIONS.—John D. Guthrie, assistant district forester; E. Maude Stone.

## NATIONAL FORESTS.

### OREGON.

*Cascade*.—N. F. Macduff, Eugene (WU, P); Harvey E. Vincent, deputy supervisor; E. H. Hall, forest examiner; A. T. Moses, senior clerk.

*Ranger District: McKenzie Bridge*.—S. L. Taylor, deputy supervisor, McKenzie Bridge.

*West Boundary*.—C. B. McFarland, Landax.

*Oakridge*.—J. F. Campbell, Oakridge; W. R. Farnham.

*Crater*.—H. B. Rankin, Medford (WU, P); Lee P. Brown, forest examiner; W. L. Jones, national forest examiner; E. V. Cook, senior clerk.

*Ranger District: Rogue River*.—A. T. Poole, Trail.

*Dead Indian-Butte Falls*.— ———, Medford.

*Applegate*.—Lee C. Port, Jacksonville.

*Klamath*.—E. J. Rogers, Fort Klamath.

*Timber Sale*.—J. D. Holst, G. H. West, R. U. Chambers, B. A. Nason, and S. A. Moore, scalers; J. E. Gribble and L. G. Lyman, rangers.

*Deschutes*.—H. L. Plumb, Bend (WU, P); W. O. Harriman, deputy supervisor; F. V. Horton, grazing examiner; Archie E. Estes, ranger; Bert A. Nason, scaler; J. W. Collette, senior clerk.

*Ranger District: Sisters*.—P. A. South, deputy supervisors, Sisters.

*La Pine*.—Roy Mitchell, La Pine.

*Crescent*.—Sanford Floe, Crescent.

*Fort Rock*.—Ben Smith, Fort Rock.

*Fremont*.—Gilbert D. Brown, Lakeview (WU, P); Lawrence Frizzell, administrative assistant; Helen M. Minthorn, senior clerk.

*Ranger District: Warner*.—P. V. Ingram, Lakeview.

*Dog Lake*.—J. G. C. Elgan, Lakeview.

*Bly*.—N. C. White, Lakeview.

*Paisley*.—Carl Ewing, Paisley; Karl Langfield.

*Silver Lake*.—W. A. LaSater, Silver Lake.

*Malheur*.—C. C. Reid, John Day (WU); P. A. Thompson, deputy supervisor; R. B. Pierpont, national forest examiner; M. L. Hennen, senior clerk.

*Ranger District: Crane Prairie*.—T. M. Ray, Prairie City.

*Drewsey*.—M. O. Timms, Van.

*Crow Flat*.—S. R. Bennett, Burns.

*Bear Valley*.—Arthur Radigan, Logdell.

*John Day*.—H. R. Elliott, John Day.

*Hyju*.—F. V. Bradford, Long Creek.

**Ochoco.**—V. V. Harpham, Prineville (WU, PT & T); W. A. Donnelly, administrative assistant; Hattie W. Goodknight, senior clerk.

*Ranger District: Beaver-Maury.*—C. S. Congleton, Paulina.

*Mill Creek.*—J. O. F. Anderson, Prineville.

*Pisgah.*—G. C. Blake, Mitchell.

*Antone.*—Ralph Elder, Antone.

*Snow Mountain.*—E. W. Donnelly, Suplee.

**Oregon.**—T. H. Sherrard, Portland (WU, P); H. D. Foster and A. G. Jackson, forest examiners; M. V. Livingston, senior clerk.

*Ranger District: Hood River.*—S. C. Walters, Mount Hood.

*Columbia.*—E. W. Wheeler, Cascade Locks.

*Bull Run.*—Raymond E. Smith, Welches.

*Summit.*—Eric H. Gordon, Rhododendron.

*White River.*—C. C. Hon, Dufur; W. S. Mead, ranger.

*Clackamas.*—Joe A. Graham, deputy supervisor, Wapinitia; Fred Hornquist, ranger.

*Collawash.*—R. T. Carter, Estacada.

*Eagle Creek Camp Grounds.*—Albert Wiesendanger, Cascade Locks.

**Santiam.**—C. C. Hall, Albany (WU, P); H. G. White, ranger; Ivy I. Boeck, senior clerk.

*Ranger District: Detroit.*—R. A. Elliott, Detroit.

*Cascadia.*—F. A. Davis, Cascadia; L. D. Bailey.

*Timber Sale.*—F. W. Stahlman, Detroit; H. V. Brown.

**Siskiyou.**—E. H. MacDaniels, Grants Pass (WU, P); H. E. Haefner, forest examiner; M. M. Lewis, administrative assistant; F. I. Abrams, senior clerk.

*Ranger District: Port Oxford.*———, Agness.

*Agness.*—F. H. Vail, Agness.

*Galice.*—J. P. DeWitt, Galice.

*Page Creek.*—R. O. Park, Takilma.

*Chetco.*—A. A. Wilke, Smith River, Calif.

*Gasquet.*—G. S. Case, Waldo.

**Siuslaw.**—Ralph S. Shelley, Eugene (WU, P); A. R. Wilcox, forest examiner; Mildred G. Sinnott, senior clerk.

*Ranger District: Hebo.*—L. E. Garwood, Hebo.

*Waldport.*—Walter Sackman, Waldport.

*Florence.*—P. N. Stephenson, Florence.

*Gardiner.*—D. G. Knox, Gardiner.

*Mapleton.*—E. S. Kerby, Mapleton.

*Timber Sale.*—M. S. Durbin, scaler, Eugene.

**Umatilla.**—John C. Kuhns, Pendleton (WU, P); R. A. Bottcher and K. P. Cecil, national forest examiners; Robert W. Thomas, senior clerk.

*Ranger District: Asotin.*—Albert Baker, Pomeroy, Wash.

*Touchet.*—W. H. Kendall, Dayton, Wash.

*Walla Walla.*—Charles F. Groom, Walla Walla, Wash.

*Grande Ronde.*—F. W. Kendall, La Grande.

*Heppner.*— ———, Heppner.

*Gurdane.*—S. R. Woods, Ukiah.

*Ukiah.*—W. W. Allison, Ukiah.

*Albee.*—George B. Clisby, Pilot Rock.

**Umpqua.**<sup>12</sup>—Carl B. Neal, Roseburg (WU, P); George A. Bonebrake, deputy supervisor; Walter H. Leve, forest examiner; O. C. Houser, ranger; Frank Richmond, senior clerk.

*Ranger District: Bohemia.*—E. S. Holderman, Disston.

*North Umpqua.*—Fred Asam, Glide.

*South Umpqua.*—Walter L. Jones, Tiller.

*Quartz Mountain.*—Hugh A. Ritter, Glide.

*Diamond Lake.*— ———, Roseburg.

**Wallowa.**<sup>13</sup>—Nelson J. Billings, Wallowa (WU); C. H. Thorp, deputy supervisor; J. M. Mann, national forest examiner.

*Ranger District: Bear Creek.*—L. A. Carpenter, Wallowa.

*Joseph.*—J. F. McClain, Joseph.

*Imnaha.*—W. G. Miller, Imnaha.

*Snake River.*—W. G. Miller, Imnaha.

*Chesnimnus.*—R. H. Harper, Enterprise.

*Sled Springs.*—L. A. Carpenter, Wallowa.

*Timber Sale.*—Geo. Donaldson, lumberman; G. L. Smith, ranger.

**Whitman.**<sup>14</sup>—W. F. Ramsdell, Baker (WU); J. F. Irwin, and C. W. Waterbury, supervisors; I. E. Jones, national forest examiner; Walt. L. Dutton, grazing examiner; F. W. Furst, forest assistant; H. J. Stratford, executive assistant.

*Ranger District: Sumpter.*—Rolland Huff, Sumpter.

*North Powder.*—A. G. Angell, North Powder.

*Desolation.*—Geo. O. Langdon, Ukiah.

*Austin.*—Dan W. Fisk, Austin.

*Burnt River.*—Lloyd M. Judy, Unity.

*Pine.*—W. D. Foreman, Halfway.

*Eagle.*—Clyde O. Bloom, Medical Springs.

*Grande Ronde.*—Paul M. Ellis, Cove.

*Timber Sale.*—L. J. Wirth, Martin H. Durbin, M. J. Brown, and K. H. McCool, rangers.



## WASHINGTON.

**Chelan.**—P. T. Harris, Okanogan (PT & T, WU) ; G. E. Mitchell, supervisor ; R. L. Cline, forest examiner ; L. A. Isaac, forest assistant ; W. A. Steiner, senior clerk.

*Ranger District: Loomis.*— ———, Loomis.

*Conconully.*—R. B. Pierpont, Conconully.

*Sweat Creek.*—W. F. Burge, Okanogan.

*Squaw Creek.*—R. E. Grantham, Pateros.

*Alder Creek.*—J. G. Burghardt, Twisp.

*Eight Mile.*—A. R. Tyler, Winthrop.

*Stehekin.*—Geo. R. Wright, Stehekin.

*Chelan.*—F. F. Wehmeyer, Chelan.

**Columbia.**—A. H. Wright, Portland, Oreg. (WU, P) ; G. A. Bright, forest examiner ; H. M. White, national forest inspector ; Helena Smiley, senior clerk. Wind River Nursery, W. F. Will, ranger, Stabler.

*Ranger District: Mount Adams.*—H. A. Welty, Guler ; A. W. Borigo, ranger.

*Wind River.*—C. W. Welty, Stabler ; E. T. Skaar, ranger.

*Spirit Lake.*—J. H. Huffman, Cougar.

*Timber Sale.*—L. D. Blodgett and M. J. Mapes, Stabler.

**Colville.**—Lawrence B. Pagter, Republic (WU, P) ; W. J. Sproat, forest examiner ; Lloyd L. Hougland, national forest examiner ; F. B. Folsom, ranger ; T. F. Barrett, executive assistant.

*Ranger District: Marcus.*—A. W. Eastman, Marcus.

*Danville.*—Jesse Duffield, Curlew.

*Republic.*—N. E. Taylor, Republic.

*Orient.*—Robert E. Foote, Orient.

*Chesaw.*—Geo. H. Wiltz, Chesaw.

**Olympic.**—R. L. Fromme, Olympia (WU, P) ; F. B. Myers and J. H. Billingslea, forest assistants ; Clarence M. Adams, executive assistant ; H. V. Engel, senior clerk.

*Ranger District: Port Angeles.*—Chris. Morgenroth, deputy supervisor, Port Angeles.

*Quilcene.*—Joseph W. Fulton, Quilcene ; J. R. Blake.

*Hoodsport.*—R. A. Hilligoss, Hoodsport.

*Quinault.*—D. G. Hartsuck, Quinault ; W. J. Bryan.

*Timber Sale.*—E. H. McArdle, scaler, Brinnon ; John D. Ahl, Eldon, and H. J. Gordon, Sequim, rangers.

**Rainier.**—G. F. Allen, Tacoma (WU, P) ; Geo. E. Griffith, deputy supervisor ; E. J. Fenby and A. A. Griffin, forest examiners.

*Ranger District: Lower Cowlitz.*—John Kirkpatrick, Randle.

*Upper Cowlitz.*—William Sethe, Lewis.

*Nisqually.*—Jules Hagon, Mineral.

*White River.*—Arnold Arneson, Enumclaw.

*Naches.*—Harry Croxford, Nile.

*Tieton.*—Mark Brunn, Naches.

*Timber Sale.*—R. J. O'Farrell, scaler, Buckley ; W. F. Lessenger, ranger.



*Snoqualmie*.—W. G. Weigle, Seattle (WU, P); Lewis A. Treen, jr., supervisor; Frank B. Kellogg, forest examiner; H. S. Trusler, ranger; M. W. Prash, senior clerk.

*Ranger District: Darrington*.—J. R. Bruckart, Darrington.

*Silverton*.— ———, Silverton.

*Skykomish*.—Geo. E. Sawyer, Skykomish.

*Lester*.—J. W. Lundin, Lester.

*Timber Sale*.—L. D. Hurt, scaler, Snohomish; W. L. Stackpole, Fortson, and L. E. Griffiths, Darrington, rangers.

*Washington*.—C. H. Park, Bellingham (WU, P); R. L. Campbell, supervisor; Jessie C. Davis, senior clerk.

*Ranger District: North Fork Nooksack*.—G. C. Burch, Glacier.

*Baker River*.—Chas. M. Bagnell, Concrete.

*Finney Creek-Suiattle*.—A. J. Briem, Sauk.

*Skagit River*.—Thomas Thompson, deputy supervisor; Marblemount.

*Timber Sale*.— ———, ranger, Glacier.

*Wenatchee*.—A. H. Sylvester, Wenatchee (WU); C. J. Conover, forest examiner; F. B. Lenzie, grazing examiner; E. L. Springer, executive assistant.

*Ranger District: Lake Wenatchee*.—R. E. Nickles, Winton.

*Chiwaukum*.—Alfred McDonald, Winton.

*Leavenworth*.—John S. Brender, Leavenworth.

*Cashmere*.—Lee F. Chartrand, Cashmere.

*Liberty*.—S. A. Blankenship, Cle Elum.

*Easton*.—H. C. Blankenship, deputy supervisor, Easton.

*Entiat*.—James McKenzie, Entiat.

*Timber Sale*.—F. A. Varo, scaler, Leavenworth.

## DISTRICT 7.

### EASTERN DISTRICT.

Alabama, Arkansas, Florida, Georgia, Maine, New Hampshire, North Carolina, Oklahoma, Pennsylvania, Porto Rico, South Carolina, Tennessee, Virginia, West Virginia. Office, Atlantic Building, Washington, D. C.

F. W. REED, district forester.

LAW.—Office of the Solicitor (Forest Service branch).—A. H. McConville, attorney, Office of the Solicitor.

FINANCE AND ACCOUNTS.—M. E. Fagan, chief of office and fiscal agent.

OPERATION.—H. O. Stabler, assistant district forester; E. Murray Bruner, district forest inspector, Asheville, N. C.

FOREST MANAGEMENT.—R. M. Evans, assistant district forester.

FOREST INSECT INVESTIGATIONS.—F. C. Craighead, in charge, Washington, D. C.; T. E. Snyder and A. G. Boving, entomologists; William Middleton and R. A. St. George, assistant entomologists.

GRAZING.—C. G. Smith, assistant district forester.

LANDS.—C. G. Smith, assistant district forester.

ACQUISITION.—W. W. Ashe, assistant district forester; Rudolph Dieffenbach, forest inspector; A. H. McConville, attorney, office of the Solicitor, Washington, D. C. Title attorneys and special assistants to the United States attorneys; M. B. Stickley, Washington, D. C.; W. L. Newman, Woodstock, Va.; John C. Forney, Moulton, Ala. Title attorneys: George E. Taylor, Bristol, Tenn.; Alfred S. Grigg, Johnson City, Tenn.; Julius C. Fletcher, Lenoir, N. C.; John Awtrey, Clayton, Ga.; H. A. Lamphrey, Warren, Pa. Abstracters: John C. Laurent, Tionesta, Pa.; Clem B. Wilson, Smethport, Pa.

ENGINEERING.————, district engineer; R. E. Pidgeon, examiner of surveys.

PUBLIC RELATIONS.—James E. Scott, assistant district forester.

## NATIONAL FORESTS.

### ALABAMA.

1 **Alabama.**—Burley M. Lufburrow, acting supervisor, Moulton (WU).  
*Ranger District: Alabama.*—H. J. McDowell, Moulton.

### ARKANSAS.

2 **Arkansas.**—Charles A. Plymale, Hot Springs National Park (WU); Everett B. Stone, jr., forest examiner; T. P. Woolschlager, forest assistant; Eunice L. Brown, senior clerk.

*Ranger District: Womble.*—Abner Casey, Womble.

*Jessieville-Umphers.*—George W. Casey, Jessieville (Exp. Hot Springs National Park).

*Cold Spring.*—David A. Younger, Cardiff (Exp. Waldron).

*Oden.*—T. E. Hale, Oden (Exp. Womble).

*Eagleton.*—S. C. Payne, Rich Mountain.

*Shady.*—Guy Cox, Mena (Exp. Mena).

3 **Ozark.**—H. R. Koen, Russellville (WU); Ben F. Vaughan, national forest examiner, minor roads and trails; Daniel Den Uyl, forest assistant; T. T. Hall, senior clerk.

*Ranger District: Sylamore.*—Hugh R. Moore, Mountain View (Exp. Sylamore).

*Bayou.*—James M. Wait, Dover (Exp. Russellville).

*Pleasant Hill.*—J. W. McPherson, Freeman Springs (Exp. Russellville).

*White Rock.*—James A. Mason, Cass (Exp. Ozark).

### FLORIDA.

4 **Florida.**—W. F. Hill, Pensacola (WU, P).

*Ranger District: Camp Pinchot.*—E. R. McKee, deputy supervisor, Valparaiso (Exp. Crestview).

*East Bay.*—Otis B. Fort, Holly.

*Mossyhead.*—J. E. Clark, Mossyhead.

*Bayou.*—G. B. Anchors, Valparaiso (Exp. Crestview).

*Ocala.*—C. H. Rogers, deputy supervisor, Lynne (Exp. Ocala).

## NEW HAMPSHIRE.

**White Mountain.**—Ira T. Yarnall, Gorham (WU, P); H. R. Currier, deputy supervisor; P. M. Hodgkins, forest assistant; Helen Brooks, senior clerk.

*Ranger District: Gorham.*—Truman E. Hale, Gorham.

*Twin Mountain.*—Clifford L. Graham, Twin Mountain.

*Bartlett.*—C. E. Beals, jr., Bartlett.

*Woodstock.*—George E. Spinney, Woodstock.

## NORTH CAROLINA.

**Nantahala.**—R. W. Shields, Franklin (WU); John Wasilik, jr., forest assistant; W. N. Sloan, examiner of surveys; Mamie B. Horsley, senior clerk.

*Ranger District: Clayton.*—R. C. Nicholson, Clayton, Ga.

*Highlands.*—J. Grady Siler, jr., Highlands.

*Nantahala.*—Thos. W. Alexander, Franklin.

**Pisgah** (includes Pisgah, Boone, Mount Mitchell, the northern portion of the Nantahala, and the southwestern portion of the Unaka Purchase Units).—Verne Rhoades, Asheville (WU, P); Merwin A. Mattoon, forest examiner; Belle M. Morrison, senior clerk.

*Ranger District: Davidson River.*—J. E. Potts, Pisgah Forest.

*Bent Creek-Big Ivy.*—Clarence L. Fink, Biltmore.

*Catawba.*—Chas. S. Dunn, Old Fort.

*Buck Creek-South Toe.*—George M. Bird, Garden City (Exp. Marion).

*Wilson Creek.*—Monroe Coffey, Edgemont.

*French Broad.*—Lorenzo Jared, Hot Springs.

## OKLAHOMA.

**Wichita.**—S. M. Shanklin, Cache (WU).

*Ranger District: Wichita.*—Leo Hawthorne, Cache.

## PENNSYLVANIA.

**Allegheny.**—L. L. Bishop, Warren (WU, P); L. S. Gross, forest assistant; James Denman, A. R. Kinney, and A. A. Riemer, examiners of surveys.

*Ranger District: Allegheny.*—Raymond M. Conarro, Warren, Pa.

## PORTO RICO.

**Luquillo.**—Wm. P. Kramer, Rio Piedras.

## TENNESSEE.

**Cherokee.**—Carlton L. Perkins, Athens (WU); Norman P. White, forest assistant; Crawford Du Pree, senior clerk.

*Ranger District: Toccoa.*—W. A. Woody, Sarah, Ga. (Exp. Gainesville, Ga.

*Ocoee.*—W. P. Duncan, Postelle (Exp. Ducktown).

*Hiccassee.*—Leland Fouts, McFarland.



- 12 **Unaka.**—H. M. Sears, Bristol (WU); Arnold C. Shaw and C. E. Beaumont, forest examiners; W. D. Black and D. W. Tabbutt, forest assistants; C. F. Muzzey, examiner of surveys.  
*Ranger District: Damascus.*—R. H. Treupel, Damascus, Va.  
*Carter.*—G. W. Cole, Watauga Valley (Exp. Carter).  
*Erwin.*—R. T. Reed, Erwin.

## VIRGINIA.

- 13 **Natural Bridge.**—J. H. Fahrenbach, Lynchburg (WU); H. L. Russell, forest examiner; W. I. Stevens and A. J. Streinz, forest assistants.  
*Ranger District: Glenwood.*—John W. McNair, Natural Bridge Station; Edwin M. Manchester, assistant.  
*Pedlar.*—Thomas A. Wilson, Buena Vista.  
*Montebello.*—G. W. Watts, Stuarts Draft.
- 14 **Shenandoah.**—S. H. Marsh, Harrisonburg (WU); W. H. Stoneburner, deputy supervisor, Edinburg; Helen W. Gordon, senior clerk.  
*Ranger District: Deerfield.*—H. B. Eye, Deerfield.  
*North River.*—D. K. Hendee, Dayton, Va.  
*Lost River.*—Arthur A. Wood, Lost River, W. Va.  
*Capon.*—J. F. Keckley, Wardensville, W. Va.  
*Massanutten.*—John W. Crissman, Edith.

## WEST VIRGINIA.

- 15 **Monongahela.**—W. E. Hedges, Elkins (WU).  
*Ranger District: North.*—Charles E. Long, Gladwin.  
*South.*—Roscoe Arbogast, Thornwood.

## DISTRICT 8.

## ALASKA DISTRICT.

- Alaska. Office, Goldstein Building, Juneau, Alaska.  
**CHARLES H. FLORY**, district forester.  
**FINANCE AND ACCOUNTS.**—H. L. Redlingshafer, fiscal agent.  
**OPERATION.**—M. L. Merritt, assistant district forester.  
**MAINTENANCE.**—Harry Sperling.  
**FOREST MANAGEMENT.**—B. F. Heintzleman, assistant district forester.  
**TIMBER SURVEYS.**—J. P. Williams, national forest examiner.  
**LANDS.**—M. L. Merritt, assistant district forester; Wellman Holbrook, national forest examiner.  
**ENGINEERING.**— ———.  
**Drafting.**—Mrs. Florence Shafer.  
**ROADS.**—M. L. Merritt.  
**WATER POWER.**—B. F. Heintzleman.

## NATIONAL FORESTS.

## ALASKA.

**Chugach.**—W. J. McDonald, Cordova (WU, P) ; L. C. Pratt, deputy forest supervisor.

*Ranger District: Prince William Sound.*—Thomas E. Murray, Cordova.

*Katalla.*—E. M. Jacobsen, Katalla.

*Seward.*—John G. Brady, Anchorage.

**Tongass.**—Robert A. Zeller, Ketchikan (SC, USA ; P ; WU) ; J. M. Walley, forest examiner ; Lyle W. Blodgett, port engineer ; B. R. Aikens, pilot and gas engineer ; W. C. Keyes, senior clerk.

*Ranger District: Ketchikan.*—J. M. Wyckoff, deputy supervisor, Ketchikan.

*Petersburg.*—J. L. MacKechnie, deputy supervisor, Petersburg.

*Juneau.*—H. E. Smith, deputy supervisor, Juneau.

*Sitka.*—George H. Peterson, deputy supervisor, Sitka.

*Craig.*—John A. Thayer, Craig.

